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Access DB# 221028  
17

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: CHRISTOPHER BIAGINI Examiner #: 82823 Date: 4/4/2007  
Art Unit: 2142 Phone Number 30 29743 Serial Number: 10/655878  
Mail Box and Bldg/Room Location: Rm 4C59 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: AUTONOMIC MANAGEMENT OF AUTONOMIC SYSTEMS

Inventors (please provide full names): RONALD DOYLE, DAVID KAMINSKY, DAVID OGLE,  
RICHARD TELEFARO

Earliest Priority Filing Date: 8/6/2003

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

The Key concept is a management system (for managing networks, computers, etc.) that transitions from making recommendations to an administrator, to completely managing the system itself. It will make suggestions to a human user and predict how the changes will affect the system. If the user follows the suggestion and the prediction turns out to be correct, the management system increments a counter. If the prediction was wrong, it decrements the counter. Once the counter passes a certain threshold, indicating that the suggestions and predictions are trustworthy, the management system goes into a fully automatic mode and will make necessary changes without involving a human. This is all part of IBM's "autonomic computing" initiative, which uses computer intelligence to reduce the burden on human administrators.

### STAFF USE ONLY

Searcher: Tam Beave  
Searcher Phone #: 2-8324  
Searcher Location: \_\_\_\_\_  
Date Searcher Picked Up: 4/12/07  
Date Completed: 4/16/07  
Searcher Prep & Review Time: 210  
Clerical Prep Time: \_\_\_\_\_  
Online Time: 170

### Type of Search

NA Sequence (#) \_\_\_\_\_ STN \_\_\_\_\_  
AA Sequence (#) \_\_\_\_\_ Dialog \$1180.17  
Structure (#) ☒ Questel/Orbit \_\_\_\_\_  
Bibliographic ☒ Dr. Link \_\_\_\_\_  
Litigation \_\_\_\_\_ Lexis/Nexis \_\_\_\_\_  
Fulltext ☒ Sequence Systems \_\_\_\_\_  
Patent Family \_\_\_\_\_ WWW/Internet \_\_\_\_\_  
Other \_\_\_\_\_ Other (specify) \_\_\_\_\_

### Vendors and cost where applicable



# STIC Search Report

## EIC 2100

STIC Database Tracking Number: 221028

TO: Christopher Biagini  
Location: RND 4C59  
Art Unit: 2142  
Monday, April 16, 2007

Case Serial Number: 10/635878

From: Terri Beale  
Location: EIC 2100  
Randolph-4B31  
Phone: 571-272-8324

Terrijor.Beale@uspto.gov

### Search Notes

Christopher – Attached is the NPL search for the above referenced case. I tagged a few that I thought might be of interest. Please let me know if you would like for me to refocus the search.

Terri  
*Terrija Beale*

File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2006/UD=200724

(c) 2007 The Thomson Corporation

Set	Items	Description
S1	37766	AUTONOMIC? OR (AUTOMATE? ? OR AUTOMATIC? ? OR AUTOMATICALLY OR SELF)(2N)(CONFIGUR? OR OPTIMIZ? OR PROTECT? OR GOVERN? OR RUN OR RAN OR RUNNING OR MANAG? OR MONITOR?)
S2	233166	PREDICT? OR FORECAST? OR FORESEE? OR ANTICIPAT??? OR GUESS-??? OR GAUGE? ? OR GAUGING OR PROBABL? ? OR PROBABILIT? OR FO-RETELL?
S3	191527	SUGGEST? OR RECOMMEND? OR ADVIS? OR ADVIC? OR PROPOS?
S4	10951	S2(3N)(UPGRAD??? OR UPDAT? OR UP()(GRADE? ? OR DATE? ?) OR REVIS??? OR IMPROVE? OR IMPROVING OR REPLACE? OR REPLACING OR ENHANC??? OR DOWNLOAD??? OR DOWN()LOAD??? OR OVERWIT??? OR C-HANGE? ?)
S5	4312	S3(3N)(UPGRAD??? OR UPDAT? OR UP()(GRADE? ? OR DATE? ?) OR CORRECT??? OR REVIS??? OR IMPROVE? OR IMPROVING OR REPLACE? OR REPLACING OR ENHANC??? OR DOWNLOAD??? OR DOWN()LOAD??? OR OV-ERWIT???)
S6	1968962	CORRECT? OR ACCURAT? OR APPROPRIAT? OR LEGITIMAT? OR RIGHT? OR ERRORLESS OR (ERROR? ? OR MISTAK? ?) (2N)FREE?
S7	0	S1 AND S4 AND S5
S8	39	S1 AND S4
S9	12	S8 AND S6
S10	7	S9 NOT AY=2003:2007
S11	9	S1 AND S5 AND S6
S12	7	S11 NOT AY=2003:2007
S13	7	S12 NOT S10
S14	132476	(SYSTEM? ? OR NETWORK? ? OR INFRASTRUCTUR? ? OR ARCHITECTU-RE? ?)(3N)MANAG?????
S15	4283	S1 AND S14
S16	262	S15 AND (S2 OR S3)
S17	61	S16 AND S6
S18	34	S17 NOT AY=2003:2007
S19	31	S18 NOT (S13 OR S10)
S20	167	AU=(DOYLE, R? OR DOYLE R?)
S21	101	AU=(KAMINSKY, D? OR KAMINSKY D?)
S22	66	AU=(OGLE, D? OR OGLE D?)
S23	0	AU=(TELEFORD, R? OR TELEFORD R?)
S24	6	S20 AND S21 AND S22

10/3,K/4 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0010069047 - Drawing available  
WPI ACC NO: 2000-375050/200032  
XRPX Acc No: N2000-281628

**Automatic communication network performance management method used in military communication system, involves generating several reconfiguration instructions by model correction unit**

Patent Assignee: US SEC OF ARMY (USSA)

Inventor: BARNETT W T; BROCKEL K H; CHANEY K D; HARRIGAN M J; SUDNIKOVICH W P; VIGANTS A

**Patent Family** (1 patents, 1 countries)

Patent	Application
Number	Kind Date Number Kind Date Update
US 6058260	A 20000502 US 1995489598 A 19950612 200032 B
	US 199897322 A 19980615

Priority Applications (no., kind, date): US 1995489598 A 19950612; US 199897322 A 19980615

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6058260	A	EN	20	4	C-I-P	of application US 1995489598

**...performance management method used in military communication system, involves generating several reconfiguration instructions by model correction unit**

**Alerting Abstract** ...from forecast units. Based on measurement values, adjusted values and network performance parameters, a model **correction unit** (10) outputs reconfiguration instructions to operators....represents several communication link locations. The model forecast units receive measurement values from the model **correction unit** (10). The outputs of forecast units are input to network planning unit (7) which has several planning algorithms. The model **correction unit** (10) provides meteorological and radio traffic measurements to propagation and traffic forecast units respectively...

...in response to adjusted values. The adjusted values are compared with artificial intelligence program of **correction unit** (10). Based on comparison result, the **correction unit** adjusts various algorithms of forecast units and planning unit. Then, the **correction unit** generates several reconfiguration instructions to operators of network based on measurements values, adjusted values...

...10 Model **correction unit**

**Title Terms**.../Index Terms/Additional Words: **CORRECT** ;

**Original Publication Data by Authority**

**Original Abstracts:**

A method for **automatically** planning and **managing** the performance of a communications network comprising a propagation forecasting step where propagation forecast algorithms...

...and a network planning step where planning algorithms display an automated network model. During a **forecast updating** step, meteorological measurements and radio traffic measurements are continuously provided, resulting in adjusted propagation and...

**Claims:**

...model correction means, said propagation forecast means automatically transmitting an adjusted propagation forecast to said **plurality** of planning algorithms of the network planning means; continuously updating said traffic database and a...

...means, said traffic forecast means automatically transmitting an adjusted traffic forecast to said plurality of **planning** algorithms of the network planning means; realigning said network by said network planning means calculating...

...coefficient adjustment means a plurality of traffic coefficients of said traffic forecast algorithms, a plurality of propagation coefficients of said propagation forecast algorithms and a plurality of planning coefficients of said...

...the operators of said network based on said plurality of real-time meteorological measurements, said **plurality** of traffic measurements, said adjusted propagation forecast, said adjusted traffic forecast and said plurality of...

**10/3,K/5 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0009026064 - Drawing available

WPI ACC NO: 1998-582919/199849

XRPX Acc No: N1998-454150

**Post-layout optimization circuit synthesizing method for use in IC design - involves recalculating timing for connection within IC design, until recalculated timing is nearer to timing constraints**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: DRUMM A D

**Patent Family** (1 patents, 1 countries)

Patent                      Application

Number      Kind   Date   Number      Kind   Date   Update

US 5825661      A   19981020   US 1996641390   A   19960501   199849   B

Priority Applications (no., kind, date): US 1996641390   A   19960501

**Patent Details**

Number      Kind   Lan   Pg   Dwg   Filing   Notes

US 5825661      A   EN   16   9

**Original Titles:**

Method and apparatus for **automatic** post-layout **optimization** of an integrated circuit.

**Alerting Abstract** ...new circuit element is inserted into the IC design, in an assigned location which is **anticipated to improve** the timing of IC design. The circuit element is inserted, without determining allowable physical location...

#### **Original Publication Data by Authority**

#### **Claims:**

...be met for the integrated circuit to operate correctly; (C) generating a physical design for the integrated circuit, the step of generating the physical design including the steps of: (1) laying...

...on the integrated circuit for the new circuit element; (7C) recalculating the timing for at least one of the nets based on the topology of the net as determined by the insertion of...

**10/3,K/6 (Item 4 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
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0007892807

WPI ACC NO: 1996-105443/199611

Related WPI Acc No: 1995-115059

XRAM Acc No: C1996-033295

XRPX Acc No: N1996-088393

**Optimisation of multi-variable process control of e.g alumina refining plant - simulates on-line plant performance and continuously polling multiple field variable to provide input signals for predicting optimal manipulated variable**

Patent Assignee: CONTINENTAL CONTROLS INC (CTCO-N)

Inventor: BERKOWITZ P N; COLWELL L W; MORAN M K; PAPADOPOULOS M N

Patent Family (9 patents, 24 countries)

Patent Number	Application Kind	Date	Number	Kind	Date	Update
US 5488561	A	19960130	US 1992932155	A	19920819	199611 B
			US 1995398598	A	19950303	
WO 1996027824	A1	19960912	WO 1995US3892	A	19950331	199642 E
AU 199522004	A	19960923	AU 199522004	A	19950331	199702 E
EP 813699	A1	19971229	EP 1995914950	A	19950331	199805 E
			WO 1995US3892	A	19950331	
EP 813699	B1	19990804	EP 1995914950	A	19950331	199935 E
			WO 1995US3892	A	19950331	
DE 69511291	E	19990909	DE 69511291	A	19950331	199943 E
			EP 1995914950	A	19950331	
			WO 1995US3892	A	19950331	
MX 199706666	A1	19980601	MX 19976666	A	19970902	200009 E
ES 2138732	T3	20000116	EP 1995914950	A	19950331	200011 E
MX 192719	B	19990720	MX 19976666	A	19950331	200061 E

Priority Applications (no., kind, date): WO 1995US3892 A 19950331; US 1992932155 A 19920819; US 1995398598 A 19950303

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 5488561	A	EN	13	4	C-I-P of application	US 1992932155
					C-I-P of patent	US 5396416
WO 1996027824	A1	EN	37	4		
National Designated States,Original: AU CA CN JP MX NO						
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU						
MC NL PT SE						
AU 199522004	A	EN			Based on OPI patent	WO 1996027824
EP 813699	A1	EN	1		PCT Application	WO 1995US3892
					Based on OPI patent	WO 1996027824
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI						
LU MC NL PT SE						
EP 813699	B1	EN			PCT Application	WO 1995US3892
					Based on OPI patent	WO 1996027824
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LI						
LU MC NL PT SE						
DE 69511291	E	DE			Application	EP 1995914950
					PCT Application	WO 1995US3892
					Based on OPI patent	EP 813699
					Based on OPI patent	WO 1996027824
ES 2138732	T3	ES			Application	EP 1995914950
					Based on OPI patent	EP 813699

#### Original Publication Data by Authority

#### Original Abstracts:

...frequent optimization cycles by feedback trim (84) determined by actual versus predicted effects of setpoints **changes** on the process **controlled** variables. Process, economic, contractual and equipment parameter values are continuously polled and collected and used...

...Drifts in process performance (87) are updated on-line periodically through self-running routines (72, 85) **computed** as calibration factors for predictor (81) and control (71) equations based on rigorous process simulations...

...feedback trim determined by actual versus predicted effects of setpoint changes on the process controlled **variables**. Process, economic, contractual **and** equipment parameter values are continuously polled and collected and used to compute the optimal setpoints...

...minimize the size of the feedback corrections computed during every optimization cycle. Tuning changes are **effected** by multiplying all terms of the predictor polynomials by the same factor. Effects of changes...

...versus predicted effects of setpoints changes on the process controlled variables. Process, economic, contractual and **equipment** parameter values are **continuously** polled and collected and used to compute the optimal setpoints for the manipulated variables before...

...through self-running routines (72, 85) computed as calibration factors for predictor (81) and control ( 71 ) **equations** based on rigorous process simulations and actual plant performance.

DIALOG(R)File 347:JAPIO  
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06061709 **\*\*Image available\*\***  
SUPPORTING METHOD AND DEVICE FOR SCENARIO-BASED OBJECT-ORIENTED  
ANALYSIS  
DESIGN

PUB. NO.: 11-003216 [JP 11003216 A]  
PUBLISHED: January 06, 1999 (19990106)  
INVENTOR(s): UEHARA TADAHIRO  
YAMAMOTO RIEKO  
APPLICANT(s): FUJITSU LTD  
APPL. NO.: 09-153809 [JP 97153809]  
FILED: June 11, 1997 (19970611)

#### ABSTRACT

**PROBLEM TO BE SOLVED:** To **automate the management** of consistency between specifications for describing the behavior of an application and to improve the...

...the behavior of the application described by the prepared specifications executes the activities in a **correct** order and further, **suggests** change to the relating specifications and activities when the contents of the activities of the...

**13/3,K/2 (Item 1 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
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0015881230 - Drawing available  
WPI ACC NO: 2006-412907/200642  
XRPX Acc No: N2006-341905

**Acoustic data's quality measuring and monitoring product, has instructions for finding undesirable microphone placement, and reporting user whether the microphone is too close or too far and whether microphone is on or off state**

Patent Assignee: HARMAN BECKER AUTOMOTIVE SYSTEMS BECKER (HARM-N)

Inventor: LINSEISEN F; REMPEL R; SONES R; ZAKARAUSKAS P

**Patent Family** (1 patents, 1 countries)

Patent		Application	
Number	Kind Date	Number	Kind Date Update
US 7058190	B1	20060606	US 2000576656 A 20000522 200642 B

Priority Applications (no., kind, date): US 2000576656 A 20000522

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 7058190	B1	EN	9	5		

**Alerting Abstract** ...too close or too far, and whether the microphone is on or off state, thus **automatically** measuring and **monitoring** the quality of the acoustic data and efficiently providing **suggestions** for **corrective** actions to the user...



## Original Publication Data by Authority

### Original Abstracts:

System and method for automatically measuring and monitoring the quality of acoustic data is disclosed. The system also provides suggestions for corrective actions to the system or user. The method monitors the quality of data and provides feedback to the system or user for corrective actions. The quality of data includes a combination of either a signal clipping detector, a microphone ON/OFF detector...

**13/3,K/4 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009968404 - Drawing available

WPI ACC NO: 2000-270711/200023

XRPX Acc No: N2000-202781

**Operation and maintenance control point e.g. for self engineering telecommunications network, has performance monitoring function which monitors performance of network elements and determines quality of service in network**

Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF)

Inventor: GLITHO R; SVENSSON B

**Patent Family (7 patents, 85 countries)**

Patent Number	Kind	Application Date	Number	Kind	Date	Update
WO 2000011884	A1	20000302	WO 1999SE1346	A	19990806	200023 B
AU 199957670	A	20000314	AU 199957670	A	19990806	200031 E
US 6233449	B1	20010515	US 1998138719	A	19980824	200129 E
BR 199913166	A	20010515	BR 199913166	A	19990806	200130 E
			WO 1999SE1346	A	19990806	
MX 2001001918	A1	20010601	MX 20011918	A	20010222	200235 E
AU 758719	B	20030327	AU 199957670	A	19990806	200330 E
MX 227141	B	20050407	WO 1999SE1346	A	19990806	200571 E
			MX 20011918	A	20010222	

Priority Applications (no., kind, date): US 1998138719 A 19980824

### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2000011884	A1	EN	28	6		
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National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA

CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG

KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 199957670	A	EN			Based on OPI patent	WO 2000011884
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BR 199913166	A	PT			PCT Application	WO 1999SE1346
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Based on OPI patent WO 2000011884

AU 758719	B	EN			Previously issued patent	AU 9957670
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**Original Titles:**

Operation and maintenance control point and method of **managing a self**  
-engineering telecommunications network...

**Alerting Abstract** ...data from the performance monitoring function and  
fault data from the trouble sniffer and provides **suggested correcting**  
actions to the NMS....ADVANTAGE - Reduces processing load on NMS and rather  
than reporting symptoms, provides NMS with **suggested corrective** actions  
to **correct** reported problems...

**Original Publication Data by Authority**

**Original Abstracts:**

...the processing load on the NMS, and rather than reporting symptoms,  
provides the NMS with **suggested corrective** actions to **correct**  
reported problems. The NMS executes the **suggested corrective** actions  
and compares the actual results in the network with predicted results.  
Feedback on the results is then provided to the OMCP to improve its  
analysis and provide more effective **corrective** actions are **suggested** if  
the problem recurs. By automatically interfacing with the NMS, which  
analyzes and executes the **suggested corrective** actions, the OMCP  
creates a self-engineering telecommunications network...

☆  
...the NMS, and rather than reporting symptoms, provides the NMS with  
suggested corrective (49) actions to **correct** reported problems. The  
NMS executes the suggested corrective actions and **compares the** actual  
results (52) in the network with predicted results. Feedback on the results  
is then...

...to the OMCP to improve its analysis and provide more effective  
corrective actions are suggested **if** the problem **recurs**. By  
automatically interfacing with the NMS, which analyzes and executes the  
suggested corrective actions, the **OMCP creates** a self-engineering  
telecommunications network...

**Claims:**

...means for determining suggested corrective actions; means for providing  
suggested corrective actions to the NMS; **means for** receiving feedback  
from the NMS regarding **the actual** results of executing the suggested  
corrective actions; and means for utilizing the feedback to provide better  
suggestive corrective actions.

19/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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08373819 \*\*Image available\*\*

**SELF - MANAGEMENT TYPE e-LEARNING TOOL**

PUB. NO.: 2005-122079 [JP 2005122079 A]

PUBLISHED: May 12, 2005 (20050512)

INVENTOR(s): ANZAI MASAYASU  
APPLICANT(s): DIGITAL BOUTIQUE INC  
APPL. NO.: 2003-387221 [JP 2003387221]  
FILED: October 15, 2003 (20031015)

## SELF - MANAGEMENT TYPE e-LEARNING TOOL

### ABSTRACT

... manage the progress condition/intelligibility of self-learning and to enable a system side to **propose** a learning program optimum for the user by constituting the e-learning tool developed for...

...and intelligibility of the user's learning.

SOLUTION: Not the system side carries out the **correction** of the user's answers but the user sends the self-marked results as self-declaration to the system side to allow the results of such self-declaration to be **managed** by the **system** side, by which the exact recognition of the progress condition/intelligibility of the user's...

... efficiently manage the progress condition/intelligibility of the self-learning and for system side to **propose** the learning program optimum for the user.

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19/3,K/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0016015859 - Drawing available  
WPI ACC NO: 2006-547489/200656  
Related WPI Acc No: 2007-149491  
XRPX Acc No: N2006-438821

**Network device fault detection system determines presence of problem/resolution information for network device based on correlation of identifiable configuration information and selected device state attributes**

Patent Assignee: CISCO TECHNOLOGY INC (CISC-N)

Inventor: BAEKELMANS J; DE KEGEL E; MC DANIEL D; SINCLAIR K

**Patent Family** (1 patents, 1 countries)

Patent                      Application

Number	Kind	Date	Number	Kind	Date	Update
US 7080141	B1	20060718	US 2002120401	A	20020412	200656 B

Priority Applications (no., kind, date): US 2002120401 A 20020412

### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 7080141	B1	EN	15	5		

**Alerting Abstract ...ADVANTAGE** - The **network** device is **managed** with minimal loss of service. The network device operation is **automatically monitored** so that problem associated with network device is **anticipated** and resolved before encountering failure in network device. The updated information including update notices, critical service bulletin associated

with an network device is automatically delivered to a **network** to enable **network manager** to proactively implement the **corrective** measures before encountering failure in the network device...

**19/3,K/3 (Item 2 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
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0014964517 - Drawing available  
WPI ACC NO: 2005-312311/200532  
Related WPI Acc No: 2003-227897; 2005-433986  
XRPX Acc No: N2005-255059

**Computer system monitoring method, involves comparing parameter to new threshold to determine whether computer system is functioning abnormally, in normal monitoring mode, where mode and threshold adjustment mode do not overlap**

Patent Assignee: INTEL CORP (ITLC)  
Inventor: SLAIGHT T M

**Patent Family (1 patents, 1 countries)**

Patent Number	Application Kind	Date	Number	Kind	Date	Update
US 6882963	B1	20050419	US 1999405513	A	19990923	200532 B
			US 2002222717	A	20020815	

Priority Applications (no., kind, date): US 1999405513 A 19990923; US 2002222717 A 20020815

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6882963	B1	EN	6	3	Continuation of application US 1999405513

Continuation of patent US 6480809

**Alerting Abstract ...ADVANTAGE** - The method allows the platform **management system** to be more sensitive to unusual behavior of the computer system, thereby providing more **accurate failure prediction**. The method enables the **management system** to **automatically** adapt to the normal operating conditions of the individual computer system, without requiring calibration during...

**...DESCRIPTION OF DRAWINGS** - The drawing shows a platform **management system**.

**19/3,K/5 (Item 4 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0013564981 - Drawing available  
WPI ACC NO: 2003-659225/200362  
XRPX Acc No: N2003-525521

**Communication network security management apparatus for e.g. industry,**

**has triggers which take protective action of network, when presence of precursor events of network attack, is detected**

Patent Assignee: CABREEN J B D (CABR-I); LEWIS L M (LEWI-I); MEHRA R K (MEHR-I)

Inventor: CABREEN J B D; LEWIS L M; MEHRA R K

**Patent Family** (1 patents, 1 countries)

Patent                      Application

Number      Kind      Date      Number      Kind      Date      Update

US 20030110396    A1    20030612    US 2001288530    P    20010503    200362    B

US 2002138836    A    20020503

Priority Applications (no., kind, date): US 2001288530 P 20010503; US 2002138836 A 20020503

#### **Patent Details**

Number      Kind      Lan      Pg      Dwg      Filing      Notes

US 20030110396    A1    EN    25    11    Related to Provisional US 2001288530

**Communication network security management apparatus for e.g. industry, has triggers which take protective action of network, when presence...**

#### **Original Titles:**

Method and apparatus for **predicting** and preventing attacks in communications networks

**Alerting Abstract** ...events of the network attack. A trigger (230) activates the action taker (250) to take **appropriate** protection action, when a monitor (240) detects the presence of the identified precursor.... apparatus for predicting attacks **on** communication network; apparatus for preventing attacks in communication network; method for security management in communication network; **method** for predicting **attacks** in communication network; and **method** for preventing attacks in communication network...

...USE - For managing communication network supporting video, voice and data services for **business**, academic **institution**, government, industry and research. Also, used for computer forensics...

...ADVANTAGE - The apparatus automatically takes protective action after on imminent attack on communication **network** is **predicted**. Allows an attack to be foiled before any damage to the network...

...block diagram of the communication network security management apparatus.

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

In one embodiment of a method and apparatus for predicting and preventing network **attacks**, data is collected from network devices during an attack. The collected data is analyzed to...

...temporal attack precursors. When the presence of a precursor is detected, appropriate protective action is **taken**. Preferably, all steps in this process occur automatically. In the preferred embodiment, the process is performed under the control of one or more network or element

management **systems** . The possible **network domain** includes data, **voice** , and video networks and multiple, interconnected network technologies. In one embodiment, triggers responsive to the presence of the identified precursors are placed into a network or element management **system** . The preferred **embodiment** of the invention utilizes machine-learning algorithms for discovering precursors of attacks, but any suitable algorithm...

...both. Among other uses, the invention allows integration of Intrusion Detection Systems with Network Management **Systems**. >

**19/3,K/9 (Item 8 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0012787174 - Drawing available

WPI ACC NO: 2002-642440/200269

Related WPI Acc No: 2002-642427; 2002-665539; 2005-541046

XRPX Acc No: N2002-507795

**Database management method in business organization involves confirming performance of actions on database objects based on schedule determined based on activity level statistics relating to database operation**

Patent Assignee: BMC SOFTWARE (BMCS-N); SLAVIN J (SLAV-I); VOS M (VOSM-I)

Inventor: SLAVIN J; VOS M

**Patent Family (2 patents, 1 countries)**

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
--------	------	------	--------	------	------	--------

US 20020091708	A1	20020711	US 2000252873	P	20001122	200269 B
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			US 2001990583	A	20011121	
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US 6944630	B2	20050913	US 2001990583	A	20011121	200560 E
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Priority Applications (no., kind, date): US 2000252873 P 20001122; US 2001990583 A 20011121

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
--------	------	-----	----	-----	--------	-------

US 20020091708	A1	EN	23	14	Related to Provisional	US 2000252873
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#### **Original Titles:**

Database **management system** and method which monitors activity levels and determines **appropriate** schedule times...

...Database **management system** and method which monitors activity levels and determines **appropriate** schedule times

**Alerting Abstract** ...Recorded medium storing database management program; and Database management system.

...

...ADVANTAGE - Enables automated database management and ensures that **resources** are used in most effective manner

#### **Original Publication Data by Authority**

**Original Abstracts:**

A system and method for automated database management are **provided** .  
Statistics **relating** to operation of a database may be collected, wherein  
the database comprises one or more...

...REORG actions on the database objects based on the statistics. A  
recommendation of a modification **to** one or more of the database objects  
may be generated based on the statistics. The...

...A system and method for automated database management are provided.  
Statistics relating to operation **of a database** may be collected,  
wherein the database comprises one or more database objects.  
Characteristics of the...

...objects based on the statistics. A recommendation of a modification to  
one or more of **the** database objects may be generated based on the  
statistics. The scheduled actions may be modified...

**19/3,K/10 (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0012506765 - Drawing available

WPI ACC NO: 2002-454744/200248

XRPX Acc No: N2002-358609

**Alternating current supply monitoring and control apparatus in building,  
has intelligent circuit breaker to monitor and control power through  
central process control**

Patent Assignee: NG Y (NGYY-I); NG Y M (NGYY-I); TAN L (TANL-I)

Inventor: TAN L

**Patent Family (3 patents, 92 countries)**

Patent                      Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2002037653	A2	20020510	WO 2001SG219	A	20011018	200248 B
AU 200196208	A	20020515	AU 200196208	A	20011018	200258 E
AU 2001296208	A8	20050908	AU 2001296208	A	20011018	200568 E

Priority Applications (no., kind, date): MY 20005073 A 20001030

**Patent Details**

Number      Kind      Lan      Pg      Dwg      Filing      Notes

WO 2002037653      A2      EN      42      10

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ

PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200196208      A      EN              Based on OPI patent      WO 2002037653

AU 2001296208      A8      EN              Based on OPI patent      WO 2002037653

**Original Titles:**

A method and apparatus for **automatically** detecting and **managing** an ac  
power fault...

...A METHOD AND APPARATUS FOR AUTOMATICALLY DETECTING AND MANAGING AN AC POWER FAULT...

**Alerting Abstract** ...ADVANTAGE - **Accurately** isolates the circuit breaker in a short time in case of faults like overloading, short...

...DRAWINGS - The figure shows a small single line block diagram of the power alarm monitoring **management** and control **system** which is an intelligent system...

#### Original Publication Data by Authority

#### Original Abstracts:

...et fournir des informations completes a propos de la panne et du statut de la **charge** . Ainsi, le destinataire peut verifier la panne d'alimentation, le statut des charges et emettre...

**19/3,K/11 (Item 10 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0012495743 - Drawing available

WPI ACC NO: 2002-443250/200247

Related WPI Acc No: 2003-175652

XRPX Acc No: N2002-349186

**Crosstalk source identification method in DSL service loop, involves selecting crosstalk disturber with most closely correlated power spectral density**

Patent Assignee: KERPEZ K (KERP-I); TELCORDIA TECHNOLOGIES INC (TELC-N); VALENTI C F (VALE-I)

Inventor: KERPEZ K; VALENTI C; VALENTI C F

**Patent Family** (5 patents, 96 countries)

Patent Number	Application Kind	Date	Patent Number	Application Kind	Date	Update
US 20020041565	A1	20020411	US 2000222734	P	20000803	200247 B
			US 2001262548	P	20010117	
			US 2001922064	A	20010803	
WO 2002058315	A1	20020725	WO 2002US1116	A	20020117	200258 E
EP 1352493	A1	20031015	EP 2002709044	A	20020117	200368 E
			WO 2002US1116	A	20020117	
AU 2002243551	A1	20020730	AU 2002243551	A	20020117	200427 E
US 6999583	B2	20060214	US 2001922064	A	20010803	200613 E

Priority Applications (no., kind, date): US 2001262548 P 20010117; US 2000222734 P 20000803; US 2001922064 A 20010803

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020041565	A1	EN	20	12	Related to Provisional	US 2000222734
					Related to Provisional	US 2001262548
WO 2002058315	A1	EN				
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY						
BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID						



IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH  
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW  
EP 1352493 A1 EN PCT Application WO 2002US1116  
Based on OPI patent WO 2002058315  
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI TR  
AU 2002243551 A1 EN Based on OPI patent WO 2002058315

**Original Titles:**

...CROSSTALK IDENTIFICATION FOR SPECTRUM **MANAGEMENT** IN BROADBAND  
TELECOMMUNICATIONS **SYSTEMS**

...

...Crosstalk identification for spectrum **management** in broadband  
telecommunications **systems**

...

...Crosstalk identification for spectrum **management** in broadband  
telecommunications **systems**

...

...CROSSTALK IDENTIFICATION FOR SPECTRUM **MANAGEMENT** IN BROADBAND  
TELECOMMUNICATIONS **SYSTEMS**

**Alerting Abstract** ...Crosstalk environment is characterized on a loop by  
loop basis in a mechanized and highly **accurate** manner without need for  
special equipment or intervention at the subscriber's location. **Automated**  
spectrum **management system** is obtained. Enables operator to identify  
actual or potential crosstalk disturbers...

**Original Publication Data by Authority**

**Original Abstracts:**

...estimating the crosstalk (300), identifying the sources of the crosstalk  
and predicting additional sources of **crosstalk** are disclosed. The  
crosstalk sources are identified in the frequency domain by maximizing the  
correlation...

...This information can be used to perform crosstalk cancellation and  
spectrum management for DSL systems.

...

...the sources of the crosstalk and predicting additional sources of  
crosstalk are disclosed. The crosstalk **sources** are identified in the  
frequency domain by maximizing the correlation with a "basis set" of...

...to perform crosstalk cancellation and spectrum management for DSL  
systems.

...

...and predicting additional sources of crosstalk are disclosed. The  
crosstalk sources are identified in the **frequency** domain by maximizing

the correlation with a "basis set" of received crosstalk PSDs which consist

...

...spectrum management for DSL systems.

...

...crosstalk are disclosed. The crosstalk sources are identified in the frequency domain by maximizing the **correlation** with a "basis set" of received crosstalk PSDs (330, 340) which consists of the cascade

**19/3,K/13 (Item 12 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0012487329 - Drawing available

WPI ACC NO: 2002-434500/200246

Related WPI Acc No: 1999-254113; 1999-589750; 2000-022445; 2000-061246;

2000-328300; 2000-474610; 2000-497896; 2000-610595; 2000-672012;

2000-672017; 2000-678548; 2001-006173; 2001-006459; 2001-136310;

2001-146149; 2001-158074; 2001-181418; 2001-210102; 2001-298778;

2001-341991; 2001-353075; 2001-366015; 2001-380155; 2001-406712;

2001-440024; 2001-449893; 2001-463347; 2001-463448; 2001-482088;

2001-487953; 2001-496028; 2001-501842; 2001-501843; 2001-519990;

2001-520263; 2001-578192; 2001-578801; 2001-578849; 2001-595002;

2001-606702; 2002-009754; 2002-096440; 2002-113085; 2002-113463;

2002-129564; 2002-138137; 2002-153911; 2002-162968; 2002-194676;

2002-204680; 2002-253965; 2002-641673; 2003-299473; 2003-327642;

2003-415907; 2003-719788; 2004-236568; 2004-640227; 2004-783215;

2006-724300

XRPX Acc No: N2002-342010

**Monitoring and diagnostic system for fault tolerant computer system, has microcontrollers interconnected through I2C bus to sensors which sense conditions within computer**

Patent Assignee: AMDAHL C G (AMDA-I); JOHNSON K S (JOHN-I); MICRON

TECHNOLOGY INC (MICR-N); NGUYEN K (NGUY-I); WALLACH W A (WALL-I)

Inventor: AMDAHL C G; JOHNSON K S; NGUYEN K; WALLACH W A

**Patent Family (2 patents, 1 countries)**

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
US 20020042896	A1	20020411	US 199746312	P	19970513	200246 B
			US 199746397	P	19970513	
			US 199746398	P	19970513	
			US 199746416	P	19970513	
			US 199747016	P	19970513	
			US 1997942402	A	19971001	
			US 2001911884	A	20010723	
US 6681342	B2	20040120	US 199746312	P	19970513	200407 E
			US 199746397	P	19970513	
			US 199746398	P	19970513	
			US 199746416	P	19970513	
			US 199747016	P	19970513	
			US 1997942403	A	19971001	
			US 2001911884	A	20010723	

Priority Applications (no., kind, date): US 199746312 P 19970513; US 199746397 P 19970513; US 199746398 P 19970513; US 199746416 P 19970513; US 199747016 P 19970513; US 1997942402 A 19971001; US 1997942403 A 19971001; US 2001911884 A 20010723

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020042896	A1	EN	39	18	Related to Provisional	US 199746312
					Related to Provisional	US 199746397
					Related to Provisional	US 199746398
					Related to Provisional	US 199746416
					Related to Provisional	US 199747016
					Continuation of application	US 1997942402
US 6681342	B2	EN			Related to Provisional	US 199746312
					Related to Provisional	US 199746397
					Related to Provisional	US 199746398
					Related to Provisional	US 199746416
					Related to Provisional	US 199747016
					Continuation of application	US 1997942403
					Continuation of patent	US 6338150

#### Original Titles:

Diagnostic and **managing** distributed processor **system**

...

...Diagnostic and **managing** distributed processor **system**

**Alerting Abstract** ...Microcontroller **network** for diagnosing and **managing** the conditions of a computer; Method of monitoring and diagnosing a computer connected to microcontroller...

#### Original Publication Data by Authority

#### Original Abstracts:

...diagnosing the environmental conditions of a computer is disclosed. The network of microcontrollers provides a **management system** by which computer users can **accurately gauge** the health of their computer. The network of microcontrollers provides users the ability to detect...

...primary roles of the present invention is to manage the environment without outside involvement. This **self - management** allows the **system** to continue to operate even though components have failed...

...diagnosing the environmental conditions of a computer is disclosed. The network of microcontrollers provides a **management system** by which computer users can **accurately gauge** the health of their computer. The network of microcontrollers provides users the ability to detect...primary roles of the present invention is to manage the environment without outside involvement. This **self - management** allows the **system** to continue to operate even though components have failed.

DIALOG(R)File 350:Derwent WPIX  
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0012334927 - Drawing available  
WPI ACC NO: 2002-277001/200232  
XRPX Acc No: N2002-216463

**Medical information management system supports diagnosis by searching completed similar preservation case information and patient's past information, in case database**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: SHIMADA T

**Patent Family (1 patents, 1 countries)**

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2002063280	A	20020228	JP 2000247337	A	20000817	200232 B

Priority Applications (no., kind, date): JP 2000247337 A 20000817

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2002063280	A	JA	12	5		

**Medical information management system supports diagnosis by searching completed similar preservation case information and patient's past information, in...**

**Alerting Abstract USE - Medical information management system utilizing computer network .**

...

...ADVANTAGE - Rapid and **accurate** diagnosis is enabled by preventing duplication of wasteful inspection. The diagnostic technique between charging doctors is improved, by searching the completed similar case easily and providing the essential **suggestion** on diagnosis. Data diagnosis from several angles is realized easily and long-term preservation safety...

...Quality of database is maintained continuously and third person's illegal encroachment is prevented, thus **self**-privacy is **protected** . Patients themselves can personally browse diagnosis and image information freely regardless of time and place...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of medical information **management system** . (Drawing includes non-English language text

**19/3,K/16 (Item 15 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0011214880 - Drawing available  
WPI ACC NO: 2002-153911/200220  
Related WPI Acc No: 1999-254113; 1999-589750; 2000-022445; 2000-061246;  
2000-328300; 2000-474610; 2000-497896; 2000-610595; 2000-672012;

2000-672017; 2000-678548; 2001-006173; 2001-006459; 2001-136310;  
 2001-145946; 2001-146149; 2001-158074; 2001-181008; 2001-181418;  
 2001-181419; 2001-210102; 2001-298778; 2001-341991; 2001-353075;  
 2001-366015; 2001-380155; 2001-406712; 2001-431827; 2001-440024;  
 2001-449893; 2001-456726; 2001-463347; 2001-463448; 2001-482088;  
 2001-487953; 2001-496028; 2001-501842; 2001-501843; 2001-519990;  
 2001-520263; 2001-578192; 2001-578801; 2001-578849; 2001-588873;  
 2001-595002; 2001-606702; 2002-009754; 2002-096440; 2002-113085;  
 2002-113463; 2002-129564; 2002-138137; 2002-162968; 2002-194676;  
 2002-204680; 2002-253965; 2002-424620; 2002-434500; 2002-641673;  
 2003-299473; 2003-327642; 2003-415907; 2003-455740; 2003-719788;  
 2004-236568; 2004-640227; 2004-783215; 2006-724300

XRPX Acc No: N2002-117028

**Computer monitor and management system has microcontroller network connected to sensors, for processing request and correspondingly providing sensed condition to computer**

Patent Assignee: MICRON TECHNOLOGY INC (MICR-N)

Inventor: AMDAHL C G; JOHNSON K S; NGUYEN K; WALLACH W A

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6338150	B1	20020108	US 199746312	P	19970513	200220 B
			US 199746397	P	19970513	
			US 199746398	P	19970513	
			US 199746416	P	19970513	
			US 199747016	P	19970513	
			US 1997942402	A	19971001	

Priority Applications (no., kind, date): US 199746312 P 19970513; US 199746397 P 19970513; US 199746398 P 19970513; US 199746416 P 19970513; US 199747016 P 19970513; US 1997942402 A 19971001

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6338150	B1	EN	37	18	Related to Provisional	US 199746312
					Related to Provisional	US 199746397
					Related to Provisional	US 199746398
					Related to Provisional	US 199746416
					Related to Provisional	US 199747016

**Computer monitor and management system has microcontroller network connected to sensors, for processing request and correspondingly providing sensed condition to computer**

#### Original Titles:

Diagnostic and managing distributed processor system .

**Alerting Abstract ...USE** - For monitoring and managing computer system  
 e.g. client/server system...

#### Original Publication Data by Authority

#### Original Abstracts:

...diagnosing the environmental conditions of a computer is disclosed. The network of microcontrollers provides a **management system** by which computer users can accurately gauge the health of their computer. The

network of microcontrollers provides users the ability to detect...

...primary roles of the present invention is to manage the environment without outside involvement. This **self - management** allows the **system** to continue to operate even though components have failed.

19/3,K/17 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011199743

WPI ACC NO: 2002-138137/200218

Related WPI Acc No: 1999-254113; 1999-589750; 2000-022445; 2000-061246;

2000-328300; 2000-474610; 2000-497896; 2000-610595; 2000-672012;  
2000-672017; 2000-678548; 2001-006173; 2001-006459; 2001-136310;  
2001-146149; 2001-158074; 2001-181418; 2001-210102; 2001-298778;  
2001-341991; 2001-353075; 2001-366015; 2001-380155; 2001-406712;  
2001-440024; 2001-449893; 2001-463347; 2001-463448; 2001-482088;  
2001-487953; 2001-496028; 2001-501842; 2001-501843; 2001-519990;  
2001-520263; 2001-578192; 2001-578801; 2001-578849; 2001-595002;  
2001-606702; 2002-009754; 2002-096440; 2002-113085; 2002-113463;  
2002-129564; 2002-153911; 2002-162968; 2002-194676; 2002-204680;  
2002-253965; 2002-434500; 2002-641673; 2003-299473; 2003-327642;  
2003-415907; 2003-719788; 2004-236568; 2004-640227; 2004-783215;  
2006-724300

XRPX Acc No: N2002-104004

**Monitoring and diagnosing method of environmental conditions in fault tolerant computer, involves increasing speed of fan in computer if temperature of computer is detected to be above threshold**

Patent Assignee: AMDAHL C G (AMDA-I); JOHNSON K S (JOHN-I); NGUYEN K (NGUY-I); WALLACH W A (WALL-I)

Inventor: AMDAHL C G; JOHNSON K S; NGUYEN K; WALLACH W A

**Patent Family** (1 patents, 1 countries)

Patent Number	Application Kind	Date	Number	Kind	Date	Update
US 6249885	B1	20010619	US 199746312	P	19970513	200218 B
			US 199746397	P	19970513	
			US 199746398	P	19970513	
			US 199746416	P	19970513	
			US 199747016	P	19970513	
			US 1997942448	A	19971001	

Priority Applications (no., kind, date): US 199746312 P 19970513; US 199746397 P 19970513; US 199746398 P 19970513; US 199746416 P 19970513; US 199747016 P 19970513; US 1997942448 A 19971001

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6249885	B1	EN	54	18	Related to Provisional	US 199746312
					Related to Provisional	US 199746397
					Related to Provisional	US 199746398
					Related to Provisional	US 199746416
					Related to Provisional	US 199747016

**Alerting Abstract ...ADVANTAGE** - Provides system administrators with new levels of client-server **system** availability and enhanced **management**.

Provides **system** administrators and **network managers** a comprehensive view into underlying condition of the server, both at on-site and off...

#### Original Publication Data by Authority

#### Original Abstracts:

...diagnosing the environmental conditions of a computer is disclosed. The network of microcontrollers provides a **management system** by which computer users can **accurately gauge** the health of their computer. The network of microcontrollers provides users the ability to detect...

...primary roles of the present invention is to manage the environment without outside involvement. This **self - management** allows the **system** to continue to operate even though components have failed.

**19/3,K/18 (Item 17 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0010998914 - Drawing available

WPI ACC NO: 2001-624036/200172

XRPX Acc No: N2001-464860

**Advanced intelligent computer power management for portable computer, has microprocessor which automatically performs power management according to signal variation obtained from peripheral units**

Patent Assignee: CHEN S (CHEN-I)

Inventor: CHEN S

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6181103	B1	20010130	US 1997863618	A	19970527	200172 B
			US 1999363395	A	19990729	

Priority Applications (no., kind, date): US 1997863618 A 19970527; US 1999363395 A 19990729

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 6181103 B1 EN 12 7 C-I-P of application US 1997863618

**Advanced intelligent computer power management for portable computer, has microprocessor which automatically performs power management according to signal variation obtained from peripheral units**

#### Original Titles:

Advanced intelligent computer power **management system** .

**Alerting Abstract** ...the signal to control the switch ON or OFF of charging or discharging current, and **automatically performs power management** according to signal variation obtained from peripheral units. ...usage of battery pack during its operation life time. The battery pack implemented on the **gauge** board reduces the manufacturing cost of the battery pack, and reduces the pollution of the...

...smart battery pack, and enhances algorithm to compute the

characteristics of the battery. Thus, an **accurate** estimate of the life time of the battery, is achieved greatly improving the performance of...

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

This invention is for the advanced intelligent computer power **management** (AICPM) **system** . The main features of this invention include converting the traditional smart battery pack into a...

#### **Claims:**

An advanced intelligent computer power management (AICPM) **system** , comprising: a removable data accessible (RADA) battery pack, including: a battery pack having several rechargeable battery cells...

...AICPM system that plans and manages said RADA battery pack, including: a microprocessor unit (MPU) **having** a single chip **microcomputer** that executes the software program used for battery management, voltage dividing resistors having serial precision

**19/3,K/19 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0010972427 - Drawing available

WPI ACC NO: 2001-596254/200167

XRPX Acc No: N2001-444495

**Integrated customer management which deploys customer databases to profile customer service requests for distribution to appropriately assigned agent representatives**

Patent Assignee: BANK ONE DELAWARE NA (BANK-N); CALLAHAN W T (CALL-I);

FIRST USA BANK NA (FIRS-N); PLETZ T (PLET-I)

Inventor: CALLAHAN W T; PLETZ T

**Patent Family** (4 patents, 92 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2001050336	A1	20010712	WO 2000US33840	A	20001215	200167 B
AU 200120977	A	20010716	AU 200120977	A	20001215	200169 E
US 20020046086	A1	20020418	US 1999474771	A	19991230	200228 E
US 6965865	B2	20051115	US 1999474771	A	19991230	200575 E

Priority Applications (no., kind, date): US 1999474771 A 19991230

#### **Patent Details**

Number Kind Lan Pg Dwg Filing Notes

WO 2001050336 A1 EN 37 9

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ

PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200120977 A EN Based on OPI patent WO 2001050336

**Integrated customer management which deploys customer databases to profile**



**customer service requests for distribution to appropriately assigned agent representatives**

**Alerting Abstract DESCRIPTION** - AN INDEPENDENT CLAIM is included for an **automated customer management system**.

**Title Terms.../Index Terms/Additional Words:** **APPROPRIATE** ;

#### **Original Publication Data by Authority**

##### **Original Abstracts:**

...deploys customer databases to profile customer service requests for distribution to appropriately assigned agent representatives. **The** representatives adopt particular roles according to customer care volume, inquiry type, time of day and...

...customer service requests for distribution to appropriately assigned agent representatives. The representatives adopt particular roles **according** to customer care volume, inquiry type, time of day and other customer management needs. Consumer...

...to appropriately assigned agent representatives. The representatives adopt particular roles according to customer care volume, **inquiry** type, time of day and other customer management (100) needs. Consumer profiles may be accessed...

...Ces representants adoptent des roles particuliers en fonction de la quantite de soins accordes au **consommateur**, du type de demande, de l'heure du jour et d'autres necessites de la...

##### **Claims:**

What is claimed is: <b>1</b>. An automated customer management system, the system including a data **entry** processing **center**, a workstation, a graphical user interface, and a data storing means, comprising: interface means, the interface means receiving...

...advisor;(ii) a researcher;(iii) a quality assurance representative;(iv) a librarian;(v) an administrator.

...

...comprising a customer database and a resource repository, the method comprising:(a) receiving customer service **representative** access information from a **customer** service representative **upon access to** the system by **the** customer service representative, wherein a previously stored profile of the customer service representative is retrieved...

...service representative that is accessing the system for that role;(c) thereafter receiving an inquiry **from** a customer;(d) routing the inquiry to a customer service representative previously assigned to the role **of** an advisor, wherein the advisor generates a research request based on the inquiry;(e) submitting...

...resource repository for potential solutions, resources or other information in response to the inquiry;(g) **assigning** a level of match of the research request in relation to the information available in the resource repository

19/3,K/20 (Item 19 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0010915184 - Drawing available  
WPI ACC NO: 2001-536582/200159  
XRPX Acc No: N2001-398511

**System for browsing the knowledge of automatic management of personal network knowledge for classifying web sites**

Patent Assignee: LIANG T (LIAN-I)

Inventor: LIANG T

**Patent Family** (2 patents, 88 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2001061554	A1	20010823	WO 2000CN31	A	20000221	200159 B

AU 200026572	A	20010827	AU 200026572	A	20000221	200176 E
			WO 2000CN31	A	20000221	

Priority Applications (no., kind, date): WO 2000CN31 A 20000221

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2001061554 A1 ZH 17 4

National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA

CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE

KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200026572 A EN PCT Application WO 2000CN31

Based on OPI patent WO 2001061554

**System for browsing the knowledge of automatic management of personal network knowledge for classifying web sites**

#### Original Titles:

A METHOD AND SYSTEM FOR BROWSING THE KNOWLEDGE OF AUTOMATIC MANAGE  
PERSONAL NETWORK KNOWLEDGE...

**Alerting Abstract** ...and web site ordering in order to be used by the user first. The system **corrects** automatically and adjusts the classification and web site ordering based on the case of the...

USE - System for browsing the knowledge of **automatic management** of personal **network** knowledge for classifying web sites

#### Original Publication Data by Authority

#### Original Abstracts:

...in order to be used by the user first. The system corrects automatically and adjusts the classification and web site ordering based on the case of the user's on-line...

...un reseau personnel a gestion automatique proposant un type de depart ainsi qu'un classement des sites mis a disposition des surfeurs. Les types de depart et les classements des sites...

**19/3,K/21 (Item 20 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0010781312 - Drawing available  
WPI ACC NO: 2001-396271/200142  
XRPX Acc No: N2001-291870

**Environmental resource mapping method for fault tolerant computer system, involves providing monitoring and control functions associated with environmental conditions inside computer**

Patent Assignee: MICRON ELECTRONICS INC (MICR-N)  
Inventor: AMDAHL C G; JOHNSON K S; NGUYEN K; WALLACH W A  
**Patent Family** (1 patents, 1 countries)

Patent	Application
Number	Kind Date Number Kind Date Update
US 6199173	B1 20010306 US 1997942214 A 19971001 200142 B

Priority Applications (no., kind, date): US 1997942214 A 19971001

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6199173	B1	EN	48	18		

#### Original Publication Data by Authority

##### Original Abstracts:

...diagnosing the environmental conditions of a computer is disclosed. The network of microcontrollers provides a **management system** by which computer users can **accurately gauge** the health of their computer. The network of microcontrollers provides users the ability to detect...

...primary roles of the present invention is to manage the environment without outside involvement. This **self - management** allows the **system** to continue to operate even though components have failed.

**19/3,K/22 (Item 21 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0010356387 - Drawing available  
WPI ACC NO: 2000-672017/200065  
Related WPI Acc No: 1999-254113; 1999-589750; 2000-022445; 2000-061246;  
2000-328300; 2000-474610; 2000-497896; 2000-610595; 2000-672012;  
2000-678548; 2001-006173; 2001-006459; 2001-136310; 2001-145946;  
2001-146149; 2001-158074; 2001-181008; 2001-181418; 2001-181419;  
2001-210102; 2001-298778; 2001-341991; 2001-353075; 2001-366015;  
2001-380155; 2001-406712; 2001-431827; 2001-440024; 2001-449893;  
2001-456726; 2001-463347; 2001-463448; 2001-482088; 2001-487953;  
2001-496028; 2001-501842; 2001-501843; 2001-519990; 2001-520263;  
2001-578192; 2001-578801; 2001-578849; 2001-588873; 2001-595002;

2001-606702; 2002-009754; 2002-096440; 2002-113085; 2002-113463;  
2002-129564; 2002-138137; 2002-153911; 2002-162968; 2002-194676;  
2002-204680; 2002-253965; 2002-424620; 2002-434500; 2002-641673;  
2003-299473; 2003-327642; 2003-415907; 2003-455740; 2003-719788;  
2004-236568; 2004-640227; 2004-783215; 2006-724300

XRPX Acc No: N2000-498184

**Environmental resources mapping system for network addressable memory in server, communicates request to sensor by mapping operation from global memory address to specific microcontroller network addresses**

Patent Assignee: MICRON ELECTRONICS INC (MICR-N)

Inventor: AMDAHL C G; JOHNSON K S; NGUYEN K; WALLACH W A

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6122758	A	20000919	US 199746312	P	19970513	200065 B
			US 199746397	P	19970513	
			US 199746398	P	19970513	
			US 199746416	P	19970513	
			US 199747016	P	19970513	
			US 1997942222	A	19971001	

Priority Applications (no., kind, date): US 199746312 P 19970513; US 199746397 P 19970513; US 199746398 P 19970513; US 199746416 P 19970513; US 199747016 P 19970513; US 1997942222 A 19971001

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6122758	A	EN	51	18	Related to Provisional	US 199746312
					Related to Provisional	US 199746397
					Related to Provisional	US 199746398
					Related to Provisional	US 199746416
					Related to Provisional	US 199747016

#### Original Publication Data by Authority

#### Original Abstracts:

...diagnosing the environmental conditions of a computer is disclosed. The network of microcontrollers provides a **management system** by which computer users can **accurately gauge** the health of their computer. The network of microcontrollers provides users the ability to detect...

...primary roles of the present invention is to manage the environment without outside involvement. This **self - management** allows the **system** to continue to operate even though components have failed.

**19/3,K/23 (Item 22 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0010085402 - Drawing available

WPI ACC NO: 2000-392044/200034

XRPX Acc No: N2000-293940

**Automatic service management system for motor vehicle, corrects difference months and replaces number of standard time dependent limit months when number of months of vehicle is different from standard limit**

**month**

Patent Assignee: ARU FORMULATE KK (ARUF-N)

Inventor: USUI H

**Patent Family** (1 patents, 1 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
JP 2000132608	A	20000512	JP 1998342269	A	19981027	200034 B

Priority Applications (no., kind, date): JP 1998342269 A 19981027

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2000132608	A	JA	7	6		

Automatic service management system for motor vehicle, corrects difference months and replaces number of standard time dependent limit months when number of months...

**Original Titles:**

AUTOMATIC PREDICTION MEANS OF NEXT MAINTENANCE TIME IN MAINTENANCE SERVICE MANAGEMENT OF VEHICLE BY TIME MANAGER METHOD

**Alerting Abstract** ...years. The number of months of motor vehicle is different from standard limit month, automatic correction of difference months is performed and a number of standard time dependent limit months is

...

USE - For automatic service management e.g. due date of insurance, tire of vehicles, battery, oil, washing, coating of motor...

...ADVANTAGE - As the management system of maintenance service is performed automatically, reliability of customer opposing to maintenance service is large.

**Title Terms.../Index Terms/Additional Words:** CORRECT ;

**19/3,K/24 (Item 23 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0009884608 - Drawing available

WPI ACC NO: 2000-181694/200016

Related WPI Acc No: 2001-488038

XRPX Acc No: N2000-134111

**Summary table management in a computer system**

Patent Assignee: ORACLE CORP (ORAC-N)

Inventor: CAVE S D; LAVENDER R L; OSBORN A P

**Patent Family** (1 patents, 1 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
US 6023695	A	20000208	US 1997962029	A	19971031	200016 B

Priority Applications (no., kind, date): US 1997962029 A 19971031

**Patent Details**

**Summary table management in a computer system**

**Original Titles:**

Summary table **management** in a computer system .

**Alerting Abstract** ...NOVELTY - The method involves presenting summary table creation **recommendations** to a user, or automatically generating at least one of the summary tables in the summary table creation **recommendations** after generating the summary table creation **recommendations** based on collected statistics on past queries submitted to a database **management system** . DESCRIPTION - The generation of the summary table creation **recommendations** includes an evaluation of both the frequency and execution times of the past submitted queries. The generated summary table creation **recommendations** comprises of ranked past queries submitted over a time period. The ranking of a past...

...a self-monitoring system for **automatic tuning** according to **system** demands ;the computer system adapting the summary table management; and a computer-readable medium storing...

...machine resources. Automatically generates an appropriate SQL query, allocates memory for the summary table to **be** created, executes the generated SQL query, and populates the summary table with the appropriate data set. Automatically deletes the selected summary table from **the** database upon selection of a recommendation to delete a summary table. Is not limited to **any** specific combination of hardware circuitry and software. Creates and maintains the most effective summary tables...

**Original Publication Data by Authority**

**Original Abstracts:**

A **self monitoring** system that identifies optimum summary table(s) for use by a database **management system** , and that automatically creates or deletes summary tables based on selected summary table **recommendations**.

**Claims:**

...database, comprising:collecting statistics on past queries submitted to a database management system;generating summary **table creation** recommendations based on the statistics, in **which** the generation of summary table creation recommendation includes an evaluation of both **the** frequency and execution times of the past submitted queries, and in which generating summary table creation recommendations comprises ranking a plurality of **past** queries submitted over a time period, the ranking of a past query of the plurality...

...period; andpresenting the summary table creation recommendations to a user, or, automatically generating at **least** one of the summary tables in the summary table creation recommendations.

19/3,K/25 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009853751 - Drawing available

WPI ACC NO: 2000-148049/200014

XRPX Acc No: N2000-109593

**Computer implemented method for automated health care management system , uses a graphical user interface to prompt the user to make medical observations and evaluate them**

Patent Assignee: MEDICAL MANAGEMENT INT INC (MEDI-N)

Inventor: CAMPBELL S D; HOWARD M

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
CA 2227188	A1	19990630	CA 2227188	A	19980116	200014 B
US 6047259	A	20000404	US 19971379	A	19971230	200024 E

Priority Applications (no., kind, date): US 19971379 A 19971230

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
CA 2227188	A1	EN	50	13		

**Computer implemented method for automated health care management system , uses a graphical user interface to prompt the user to make medical observations and evaluate...**

#### Original Titles:

Interactive method and system for managing physical exams, diagnosis and treatment protocols in a health care practice.

**Alerting Abstract ...NOVELTY** - The method provides a way of managing a medical examination, and **suggesting** further treatment. Initially, a graphical user interface (GUI) is displayed (147), prompting the user to...

...to provide a list of diagnoses. If a diagnoses is selected by the user, the **appropriate** treatment is displayed....readable medium containing instructions to implement the method; and a computer system for managing a medical practice.

...

...USE - Automated health care management system.

#### Original Publication Data by Authority

#### Original Abstracts:

A software **system** for **managing** a health care practice includes interactive software tools for conducting a physical exam, **suggesting** tentative diagnosis, and managing a treatment protocol. The physical exam software guides the user through...

19/3,K/26 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009752188. - Drawing available  
WPI ACC NO: 2000-038406/200003  
Related WPI Acc No: 2000-072141  
XRPX Acc No: N2000-028988

**Computer implemented fraud occurrence and/or suspected cases management  
method for communication based network transaction**

Patent Assignee: LUCENT TECHNOLOGIES (LUCE); LUCENT TECHNOLOGIES INC  
(LUCE)

Inventor: BAULIER G D; CAHILL M H; FERRARA V K; LAMBERT D

Patent Family (8 patents, 81 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999052267	A1	19991014	WO 1999US7441	A	19990405	200003 B
AU 199934704	A	19991025	AU 199934704	A	19990405	200011 E
US 6163604	A	20001219	US 199880006	P	19980403	200102 E
			US 1999283672	A	19990401	
EP 1068719	A1	20010117	EP 1999916368	A	19990405	200105 E
			WO 1999US7441	A	19990405	
CN 1296694	A	20010523	CN 1999804523	A	19990405	200154 E
MX 2000009409	A1	20010301	MX 20009409	A	20000926	200170 E
BR 199909162	A	20020205	BR 19999162	A	19990405	200213 E
			WO 1999US7441	A	19990405	
JP 2002510942	W	20020409	WO 1999US7441	A	19990405	200227 E
			JP 2000542905	A	19990405	

Priority Applications (no., kind, date): US 199880006 P 19980403; US  
1999283672 A 19990401

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1999052267	A1	EN	35	8		

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT UA UG UZ VN YU ZW

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE

AU 199934704	A	EN			Based on OPI patent	WO 1999052267
US 6163604	A	EN			Related to Provisional	US 199880006
EP 1068719	A1	EN			PCT Application	WO 1999US7441
					Based on OPI patent	WO 1999052267

Regional Designated States,Original: DE FR GB IE

BR 199909162	A	PT			PCT Application	WO 1999US7441
					Based on OPI patent	WO 1999052267
JP 2002510942	W	JA	42		PCT Application	WO 1999US7441
					Based on OPI patent	WO 1999052267

**Original Titles:**

... AUTOMATED FRAUD MANAGEMENT IN TRANSACTION-BASED NETWORKS

...

... Automated fraud management in transaction-based networks .

...

... AUTOMATED FRAUD MANAGEMENT IN TRANSACTION-BASED NETWORKS



**Alerting Abstract ...NOVELTY** - A programmable rules engine automatically generates **recommendation** for responding to fraud, based on call-by-call scoring so that the **recommendations** correspond directly to the type and amount of suspected fraudulent activity and attributes of **legitimate** activity....records which are supplied through path (151) to call scoring function (120) within the fraud **management system** (100). Call detail records are generated and the records provide indication of the contribution to...

...relating to changes in fraud scores. An **INDEPENDENT CLAIM** is also included for the fraud **management system** .

...

...more precise fraud responses is more effective in meeting operational, financial and customer satisfaction requirements. **Automated fraud management** results in significant cost savings both in terms of reduced fraud losses as well as less resources required for investigating suspected fraud. Investigation time is reduced due to **automated fraud management** , which improves response time to the suspected fraud...

...DESCRIPTION OF DRAWINGS - The figure shows simplified block diagram of a fraud **management system** in a telecommunication network...

...100 Fraud **management system**

#### **Original Publication Data by Authority**

##### **Original Abstracts:**

Fraud losses in a communication network are substantially reduced by automatically generating fraud management **recommendations** in response to **suspected** fraud and by deriving the recommendations as a function of selected attributes of the fraudulent activity. More specifically, a programmable rules engine automatically generates recommendations based on call- by -call fraud scoring so that the recommendations correspond directly to **the** type and amount of suspected fraudulent activity. Using telecommunications fraud as an example, an automated fraud management system **receives** call **detail records** that have been previously scored to identify potentially fraudulent calls. Fraud scoring estimates the probability of fraud for **each** call based on the learned behavior of an individual subscriber as well as that of...

...a condition is met, prevention measures associated with that condition are recommended for the account. **As** one example, recommended prevention measures may **be** automatically implemented via provisioning functions in the telecommunications network...

...Fraud losses in a communication network are substantially reduced by automatically generating fraud management recommendations **in** response to **suspected** fraud and by deriving the recommendations as a function of **selected** attributes of the fraudulent activity. More specifically, a programmable rules engine automatically generates recommendations based on call-by- call fraud scoring so that the recommendations correspond directly to **the type** and amount of suspected fraudulent activity. Using telecommunications fraud as an example, an automated fraud management system receives **call detail records** **that** have been previously scored

to identify potentially fraudulent calls. Fraud scoring estimates the probability of fraud for each **call** based on the learned behavior of an individual subscriber as well as that of fraud...

...condition is met, prevention measures associated with that condition are recommended for the account. As **one** example, recommended prevention measures may be **automatically** implemented via provisioning functions in the telecommunications network...

...communication network are substantially reduced by automatically generating fraud management recommendations in response to suspected **fraud** and by **deriving** the recommendations as a function of selected attributes of the **fraudulent** activity. More specifically, a programmable rules engine automatically generates recommendations based on call-by-call fraud scoring so **that** the recommendations correspond directly to the type and amount of **suspected** fraudulent activity. Using telecommunications fraud as an example, an automated fraud management system receives call detail records that **have been previously scored** to identify potentially fraudulent calls. Fraud scoring estimates the probability of fraud for each call based on the **learned** behavior of an individual subscriber as well as that of fraud perpetrators. Scoring also provides...

...measures associated with that condition are recommended for the account. As one example, recommended prevention **measures** may be automatically implemented via provisioning **functions** in the telecommunications network  
...la probabilité d'une fraude pour chaque appel sur la base du comportement appris d'un abonné déterminé et de celui des fraudeurs. Le classement des fraudes fournit également des indications...

**Claims:**

...telecommunications network, comprising the step of: automatically generating one or more recommendations for responding to **suspected** fraudulent activity in the telecommunications network, wherein the recommendations are derived as **a** function of calls scored for the likelihood of fraud, and wherein the recommendations correspond to attributes **of** the suspected fraudulent activity so that a recommended response to the **suspected** fraudulent activity is targeted to the type of fraud that is occurring.

**19/3,K/28 (Item 27 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0009684811

WPI ACC NO: 1999-095568/199908

XRAM Acc No: C1999-028225

XRPX Acc No: N1999-069460

**Fully-automated and computerised just-in-time wheel production and delivery system for vehicle assembly lines - commences by rim and tyre assembly with adjustment and balancing, possible automatic warehousing and delivery of 5-wheel sets for immediate bolting onto vehicles**

Patent Assignee: CIE GEN ETAB MICHELIN & CIE (MICL); MICHELIN & CIE (MICL)

Inventor: BERNARD M; FREDERIC P; JACQUES P; MENARD B; PATURE F; PITOU J

**Patent Family (11 patents, 22 countries)**

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1999000262	A1	19990107	WO 1998EP2551	A	19980430	199908 B
FR 2765152	A1	19981231	FR 19978077	A	19970625	199908 E
EP 991533	A1	20000412	EP 1998929275	A	19980430	200023 E
			WO 1998EP2551	A	19980430	
BR 199810462	A	20000905	BR 199810462	A	19980430	200048 E
			WO 1998EP2551	A	19980430	
CN 1267260	A	20000920	CN 1998808240	A	19980430	200063 E
US 6298281	B1	20011002	WO 1998EP2551	A	19980430	200160 E
			US 1999470464	A	19991222	
EP 991533	B1	20011121	EP 1998929275	A	19980430	200176 E
			WO 1998EP2551	A	19980430	
JP 2002507166	W	20020305	WO 1998EP2551	A	19980430	200220 E
			JP 1999505232	A	19980430	
DE 69803289	E	20020221	DE 69803289	A	19980430	200221 E
			EP 1998929275	A	19980430	
			WO 1998EP2551	A	19980430	
ES 2163868	T3	20020201	EP 1998929275	A	19980430	200225 E
CN 1159172	C	20040728	CN 1998808240	A	19980430	200612 E

Priority Applications (no., kind, date): FR 19978077 A 19970625

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1999000262	A1	FR	16	2		
National Designated States,Original: BR CN JP US						
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE						
IT LU MC NL PT SE						
EP 991533	A1	FR			PCT Application	WO 1998EP2551
						Based on OPI patent WO 1999000262
Regional Designated States,Original: DE ES FR GB IT SE						
BR 199810462	A	PT			PCT Application	WO 1998EP2551
						Based on OPI patent WO 1999000262
US 6298281	B1	EN			Continuation of application	WO 1998EP2551
EP 991533	B1	FR			PCT Application	WO 1998EP2551
						Based on OPI patent WO 1999000262
Regional Designated States,Original: DE ES FR GB IT SE						
JP 2002507166	W	JA	14		PCT Application	WO 1998EP2551
						Based on OPI patent WO 1999000262
DE 69803289	E	DE			Application	EP 1998929275
						PCT Application WO 1998EP2551
						Based on OPI patent EP 991533
						Based on OPI patent WO 1999000262
ES 2163868	T3	ES			Application	EP 1998929275
						Based on OPI patent EP 991533

**Alerting Abstract ...ADVANTAGE** - This system manages the sequence of wheel production from supply of tyre and rim, through assembly processes and...

#### Documentation Abstract

...ADVANTAGE - This system manages the sequence of wheel production from supply of tyre and rim, through assembly processes and...

...warehouse on wheel availability, quality and quality. Reports (f) reach

the CCU from the robotic **management of automatic** stocking, for organisation of goods availability. Production of wheels is orchestrated to satisfy JIT delivery...

...locations of delivery units. At the same time, wheel production and stocking are planned to **anticipate** future deliveries, through links (h) and (k). The CCU determines warehouse stocking locations to receive...

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

...on said wheels R by means of a mounting equipment (3); correcting the position of **the** tyre beads by adapted means (6); balancing the resulting mounted assemblies, and storing and/or...

...the tires on the wheels by use of a mouter, correcting the position of the **tire** heels and balancing the mounted assemblies, as well as of storing and/or picking up...

...in that the production and delivery of assemblies are information-managed by a system of **dedicated** computers and **robots** , so that the assemblies can be delivered in sync to at least one manufacturer having...

...means of a mounting equipment (3); correcting the position of the tyre beads by adapted **means** (6); balancing the resulting mounted assemblies, and storing and/or removing by means of mobile...

#### **Claims:**

...und der(c) einen programmierbaren Management-Automaten G für die Lagermittel (8) abfragt, der den **Eingang und** die Anordnung der Baugruppen E nach Speicherung der Arbeitsvorbereitung der genannten Mittel steuert und ihren...

...der Speichermittel (8) (Verbindung g).

...

...the storage means (8), controlling the entrance and placement of the assemblies E after storage of the **scheduling** of said means (8) and controlling their exit to the loading lines (81) (link e...said computer making possible: the capture of data on the entrance and exit movements of **the** storage means ( **link f**), the processing of said data, as well as data processing transfers from the manufacturer...

**19/3,K/30 (Item 29 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0007688010

WPI ACC NO: 1996-309765/199631

XRPX Acc No: N1996-260218

**Automated system for management of data related to disease and injury condition - uses series of body images to record location, type, complexity and physiological severity of trauma injuries via interface e.g mouse**

**controller**

Patent Assignee: UNIV NEW JERSEY (UYNE-N)

Inventor: MARSH P; SIEGEL J H

Patent Family (2 patents, 20 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1996019774	A1	19960627	WO 1995US16611	A	19951219	199631 B
AU 199645255	A	19960710	AU 199645255	A	19951219	199643 E

Priority Applications (no., kind, date): US 1994358891 A 19941219

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1996019774	A1	EN	58			

National Designated States,Original: AU CA JP MX  
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU  
MC NL PT SE  
AU 199645255 A EN Based on OPI patent WO 1996019774

**Automated system for management of data related to disease and injury condition...**

**Alerting Abstract ...**The system for the management of disease and injury conditions includes a diagnostic examination unit linked with a display for...

...such that the delineated condition data is recorded and categorised,,, and additional diagnostic information, as **appropriate** , is displayed to the user...

...both on the body surface and within the organs. Provides severity criteria, therapeutic management guidelines **suggestions** , and cautions.

**Original Publication Data by Authority****Original Abstracts:**

...determined, therapeutic management guidelines estimated and state of the art therapeutic suggestions and cautions provided.

**24/3,K/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0014854273 - Drawing available

WPI ACC NO: 2005-201977/200521

XRPX Acc No: N2005-166251

**Autonomic computer system managing system, has processor to transit management of managed system from manual control of administrator to autonomic control of adaptive process, when certain level of trust is built**

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: **DOYLE R P ; KAMINSKY D L ; OGLE D M ; TELFORD R D**

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
---------------	------	------	--------------------	------	------	--------

US 20050044209 A1 20050224 US 2003635878 A 20030806 200521 B  
CN 1581154 A 20050216 CN 200410058894 A 20040803 200535 E

Priority Applications (no., kind, date): US 2003635878 A 20030806

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

US 20050044209 A1 EN 9 3

Inventor: **DOYLE R P** ...

... **KAMINSKY D L** ...

... **OGLE D M**

**Original Publication Data by Authority**

Inventor name & address:

**Doyle, Ronald P** ...

... **Kaminsky, David L** ...

... **Ogle, David M**

**24/3,K/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0014281051 - Drawing available

WPI ACC NO: 2004-467567/200444

XRPX Acc No: N2004-369454

**Resource aware system for managing request traffic in computer system, has  
planning system for identifying corrective action to avoid overload  
condition based on system resource approaching overload condition and  
management policy**

Patent Assignee: **IBM UK LTD (IBMC); INT BUSINESS MACHINES CORP (IBMC);  
IBM CORP (IBMC)**

Inventor: **CHASE J S; DOYLE R P; KAMINSKY D L; OGLE D M; TELFORD R D**

**Patent Family (5 patents, 105 countries)**

Patent Application

Number Kind Date Number Kind Date Update

US 20040109410 A1 20040610 US 2002315339 A 20021210 200444 B

WO 2004053693 A2 20040624 WO 2003GB4920 A 20031113 200444 E

AU 2003286240 A1 20040630 AU 2003286240 A 20031113 200472 E

CN 1742261 A 20060301 CN 200380105518 A 20031113 200649 E

JP 2006520937 W 20060914 WO 2003GB4920 A 20031113 200660 E

JP 2004558197 A 20031113

Priority Applications (no., kind, date): US 2002315339 A 20021210

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

US 20040109410 A1 EN 9 3

WO 2004053693 A2 EN

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ  
UA UG UZ VC VN YU ZA ZM ZW

Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES  
FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL  
SZ TR TZ UG ZM ZW

AU 2003286240 A1 EN Based on OPI patent WO 2004053693

JP 2006520937 W JA 20 PCT Application WO 2003GB4920

Based on OPI patent WO 2004053693

...Inventor: **DOYLE R P** ...

... **KAMINSKY D L** ...

... **OGLE D M**

#### **Original Publication Data by Authority**

Inventor name & address:

... **DOYLE R P** ...

... **KAMINSKY D L** ...

... **OGLE D M** ...

... **DOYLE R P** ...

... **KAMINSKY D L** ...

... **OGLE D M** ...

... **Doyle, Ronald P** ...

... **Kaminsky, David L** ...

... **Ogle, David M** ...

... **DOYLE, Ronald, Patrick** ...

... **KAMINSKY, David, Louis** ...

... **OGLE, David, Mark**

**24/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0013998333 - Drawing available

WPI ACC NO: 2004-179528/200417

XRPX Acc No: N2004-142816

**Data processing apparatus for accessing data storage devices, has mirror service unit to receive data file updates from file system and mirror file updates based on mirror mode and event information provisioned by management unit**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)  
Inventor: **DOYLE R P ; KAMINSKY D L ; OGLE D M ; POZEFSKY D P**  
**Patent Family** (2 patents, 1 countries)  
Patent                      Application  
Number      Kind Date      Number      Kind Date      Update  
US 20040024979    A1    20040205    US 2002211686    A    20020802    200417    B  
US 7191298      B2    20070313    US 2002211686    A    20020802    200721    E

Priority Applications (no., kind, date): US 2002211686    A    20020802

**Patent Details**

Number      Kind    Lan    Pg    Dwg    Filing    Notes  
US 20040024979    A1    EN    18    12  
Inventor: **DOYLE R P ...**

**... KAMINSKY D L ...**

**... OGLE D M**

**Original Publication Data by Authority**

Inventor name & address:  
**Kaminsky, David L ...**

**... Ogle, David M ...**

**... Doyle, Ronald P ...**

**... Kaminsky, David L ...**

**... Ogle, David M ...**

**... Doyle, Ronald P**

**24/3,K/4    (Item 4 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0013910025 - Drawing available  
WPI ACC NO: 2004-089581/200409  
XRPX Acc No: N2004-071753  
**Storage system for data communication network, has service level agreement enforcement processor that selectively evicts entries in cache corresponding to overfunded SLA**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)  
Inventor: **DOYLE R P ; KAMINSKY D L ; OGLE D M**  
**Patent Family** (2 patents, 1 countries)  
Patent                      Application  
Number      Kind Date      Number      Kind Date      Update  
US 20030229759    A1    20031211    US 2002162844    A    20020605    200409    B  
US 6915386      B2    20050705    US 2002162844    A    20020605    200544    E

Priority Applications (no., kind, date): US 2002162844    A    20020605



**Patent Details**

Number Kind Lan Pg Dwg Filing Notes  
US 20030229759 A1 EN 7 2

Inventor: **DOYLE R P** ...  
... **KAMINSKY D L** ...

... **OGLE D M**

**Original Publication Data by Authority**

Inventor name & address:  
**Doyle, Ronald P** ...

... **Kaminsky, David L** ...

... **Ogle, David M** ...

... **Doyle, Ronald P** ...

... **Kaminsky, David L** ...

... **Ogle, David M**

**24/3,K/5 (Item 5 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0013891019 - Drawing available

WPI ACC NO: 2004-070234/200407

XRPX Acc No: N2004-056550

**Storage system for computer in data communication network, selectively  
evicts entries which have weighted average greater than corresponding  
preferred allocation, in cache according to quality of service terms**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: **DOYLE R P ; KAMINSKY D L ; OGLE D M**

**Patent Family (2 patents, 1 countries)**

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20030229760	A1	20031211	US 2002162966	A	20020605	200407 B
US 6901484	B2	20050531	US 2002162966	A	20020605	200536 E

Priority Applications (no., kind, date): US 2002162966 A 20020605

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes  
US 20030229760 A1 EN 7 2

Inventor: **DOYLE R P** ...  
... **KAMINSKY D L** ...

... **OGLE D M**

**Original Publication Data by Authority**

Inventor name & address:

**Doyle, Ronald P ...**

**... Kaminsky, David L ...**

**... Ogle, David M ...**

**... Doyle, Ronald P ...**

**... Kaminsky, David L ...**

**... Ogle, David M**

**24/3,K/6 (Item 6 from file: 350)**

**DIALOG(R)File 350:Derwent WPIX**

**(c) 2007 The Thomson Corporation. All rts. reserv.**

0013351629 - Drawing available

WPI ACC NO: 2003-439490/200341

XRPX Acc No: N2003-350686

**Large file serving method for distributed computing network, involves  
redirecting retrieval request from client to network attached storage, when  
specific criteria are met to serve requested content from network attached  
storage**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: **DOYLE R P ; KAMINSKY D L ; OGLE D M**

Patent Family (1 patents, 1 countries)

Patent                      Application

Number      Kind   Date   Number      Kind   Date   Update

US 20030046335   A1   20030306   US 2001943562   A   20010830   200341   B

Priority Applications (no., kind, date): US 2001943562   A   20010830

**Patent Details**

Number      Kind   Lan   Pg   Dwg   Filing   Notes

US 20030046335   A1   EN   22   12

Inventor: **DOYLE R P ...**

**... KAMINSKY D L ...**

**... OGLE D M**

**Original Publication Data by Authority**

Inventor name & address:

**Doyle, Ronald P ...**

**... Kaminsky, David L ...**

**... Ogle, David M**

File 348:EUROPEAN PATENTS 1978-2007/ 200715

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070412UT=20070305

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	38810	AUTONOMIC? OR (AUTOMATE? ? OR AUTOMATIC? ? OR AUTOMATICALLY OR SELF)(2N)(CONFIGUR? OR OPTIMIZ? OR PROTECT? OR GOVERN? OR RUN OR RAN OR RUNNING OR MANAG? OR MONITOR?)
S2	405410	PREDICT? OR FORECAST? OR FORESEE? OR ANTICIPAT??? OR GUESS-??? OR GAUGE? ? OR GAUGING OR PROBABL? ? OR PROBABILIT? OR FO-RETELL?
S3	678853	SUGGEST? OR RECOMMEND? OR ADVIS? OR ADVIC? OR PROPOS?
S4	21784	S2(3N)(UPGRAD??? OR UPDAT? OR UP()(GRADE? ? OR DATE? ?) OR REVIS??? OR IMPROVE? OR IMPROVING OR REPLACE? OR REPLACING OR ENHANC??? OR DOWNLOAD??? OR DOWN()LOAD??? OR OVERWIT??? OR C-HANGE? ?)
S5	21540	S3(3N)(UPGRAD??? OR UPDAT? OR UP()(GRADE? ? OR DATE? ?) OR CORRECT??? OR REVIS??? OR IMPROVE? OR IMPROVING OR REPLACE? OR REPLACING OR ENHANC??? OR DOWNLOAD??? OR DOWN()LOAD??? OR OV-ERWIT???)
S6	1442932	CORRECT? OR ACCURAT? OR APPROPRIAT? OR LEGITIMAT? OR RIGHT? OR ERRORLESS OR (ERROR? ? OR MISTAK? ?) (2N)FREE?
S7	45	S1(100N)S4(100N)S6
S8	28	S7 NOT AY=2003:2007
S9	18	S1(50N)S4(50N)S6
S10	8	S9 NOT AY=2003:2007
S11	12	S1(25N)S5(25N)S6
S12	32	S1(50N)S5(50N)S6
S13	17	S12 NOT AY=2003:2007
S14	17	S13 NOT S8
S15	75035	(SYSTEM? ? OR NETWORK? ? OR INFRASTRUCTUR? ? OR ARCHITECTU-RE? ?)(3N)MANAG????
S16	2678	S1(50N)S15
S17	2300	S1(25N)S15
S18	179	S17(25N)S6
S19	16	S18(25N)(S2 OR S3)
S20	7	S19 NOT AY=2003:2007
S21	5	S20 NOT (S14 OR S8)
S22	68	AU=(DOYLE, R? OR DOYLE R?)
S23	26	AU=(KAMINSKY, D? OR KAMINSKY D?)
S24	26	AU=(OGLE, D? OR OGLE D?)
S25	0	AU=(TELEFORD, R? OR TELEFORD R?)
S26	2	S22 AND S23 AND S24

**8/3,K/5 (Item 5 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2007 European Patent Office. All rts. reserv.

00711605

**Reconfigurable data processing stage**  
**Rekonfigurierbare Datenverarbeitungsstufe**  
**Etage d'operation de donnees reconfigurable**  
PATENT ASSIGNEE:

DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA  
92714, (US), (Proprietor designated states: all)

INVENTOR:

Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol, BS16 1NA,  
(GB)

Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley,  
Gloucestershire, GL11 6BD, (GB)

Robbins, William Philip, 19 Springhill, Cam, Gloucestershire, GL11 5PE,  
(GB)

LEGAL REPRESENTATIVE:

Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20,  
rue Louis Chirpaz, 69131 Ecully Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 674446 A2 950927 (Basic)

EP 674446 A3 960814

EP 674446 B1 010801

APPLICATION (CC, No, Date): EP 95301300 950228;

PRIORITY (CC, No, Date): GB 9405914 940324

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL

INTERNATIONAL PATENT CLASS (V7): H04N-007/24; G06F-013/00; G06F-009/38

ABSTRACT WORD COUNT: 144

NOTE:

Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) EPAB95 2475

CLAIMS B (English) 200131 1079

CLAIMS B (German) 200131 1072

CLAIMS B (French) 200131 1186

SPEC A (English) EPAB95 125236

SPEC B (English) 200131 121335

Total word count - document A 127738

Total word count - document B 124672

Total word count - documents A + B 252410

...SPECIFICATION B1

INTRODUCTION

The present invention is directed to **improvements** in methods and  
apparatus for decompression which operates to decompress and/or decode a  
plurality...

**8/3,K/6 (Item 6 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2007 European Patent Office. All rts. reserv.

00711604

**Serial data processing using a pipeline**

**Verarbeitung serieller Daten mittels einer Pipeline**

**Traitement de donnees en serie par pipeline**

PATENT ASSIGNEE:

DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA  
92714, (US), (Proprietor designated states: all)

INVENTOR:

Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol, BS16 1NA,  
(GB)

Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley,  
Gloucestershire, GL11 6BD, (GB)

Robbins, William Philip, 19 Springhill, Cam, Gloucestershire, GL11 5PE,  
(GB)

LEGAL REPRESENTATIVE:

Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20,  
rue Louis Chirpaz, 69131 Ecully Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 674442 A2 950927 (Basic)

EP 674442 A3 960814

EP 674442 B1 010214

APPLICATION (CC, No, Date): EP 95301299 950310;

PRIORITY (CC, No, Date): GB 9405914 940324

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL

INTERNATIONAL PATENT CLASS (V7): H04N-007/24; G06F-019/00; G06F-009/38

ABSTRACT WORD COUNT: 125

NOTE:

Figure number on first page: 58

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	200107	1004
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CLAIMS B	(German)	200107	995
----------	----------	--------	-----

CLAIMS B	(French)	200107	1110
----------	----------	--------	------

SPEC B	(English)	200107	121334
--------	-----------	--------	--------

Total word count - document A	0
-------------------------------	---

Total word count - document B	124443
-------------------------------	--------

Total word count - documents A + B	124443
------------------------------------	--------

...SPECIFICATION an identifier field. The processor address field is used to direct the tokens to the **correct** data-flow processor, and the identifier field is used to label the data such that...

...module number (MN). If the MN matches the MN of the particular stage, then the **appropriate** operations are performed upon the data. If unrecognized, the token is directed to an output...

...a completely localized decision and, in addition, each submodule can autonomously perform data buffering and **self**-timed data-transfer control at the same time. Finally, to increase the elasticity of the...

...data transfer between the stages.

Summary of the invention

The present invention relates to an **improved** pipeline system having an input, an output and a plurality of processing stages between the...

8/3,K/10 (Item 10 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2007 European Patent Office. All rts. reserv.

00218665

**Method of controlling downhole logging tool.**  
**Steuerungsverfahren für eine Tiefbohrlochsonde.**  
**Méthode pour contrôler une sonde pour puits de forage.**

PATENT ASSIGNEE:

HALLIBURTON COMPANY, (526200), P.O. Drawer 1431, Duncan Oklahoma 73536,  
(US), (applicant designated states: AT;DE;FR;GB;IT;NL)

INVENTOR:

Richardson, John Mark, 2518 Virginia, Duncan Oklahoma 73533, (US)  
White, Billy Wayne, Route 2, Box 87, Duncan Oklahoma 73533, (US)  
Lynch, Michael Joseph, Route 6, Box 2475, Duncan Oklahoma 73533, (US)  
Forehand, Gilbert Horton, 1210 E. Camelback, Duncan Oklahoma 73533, (US)  
Duncan, Richard Louis, 2209 Spruce, Duncan Oklahoma 73533, (US)

LEGAL REPRESENTATIVE:

Wain, Christopher Paul (37101), A.A. THORNTON & CO. Northumberland House  
303-306 High Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 201296 A2 861112 (Basic)

EP 201296 A3 890823

EP 201296 B1 940330

APPLICATION (CC, No, Date): EP 86303364 860502;

PRIORITY (CC, No, Date): US 730978 850506

DESIGNATED STATES: AT; DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS (V7): G01V-003/18; G06F-015/74; E21B-049/00;

ABSTRACT WORD COUNT: 148

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS B (English) EPBBF1 593

CLAIMS B (German) EPBBF1 554

CLAIMS B (French) EPBBF1 649

SPEC B (English) EPBBF1 18373

Total word count - document A 0

Total word count - document B 20169

Total word count - documents A + B 20169

...SPECIFICATION may not be available and to, different customers who may specify different types of transducers.

**Self - monitoring** is an important feature in a microprocessor-based gauge because it enables the microprocessor to be reset should the microprocessor operate outside normal operating limits. This ensures **accurate** data collection.

The software and hardware features by which sample rates and resolutions of the...

...changes are substantially linear. The hardware monitoring is important because it detects, and forces the **gauge** to record, rapid **changes** which occur between the software set sample times and which thus would otherwise be lost...

8/3,K/12 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2007 WIPO/Thomson. All rts. reserv.

00985846

**METHOD AND SYSTEM FOR CONTROLLING SETPOINTS OF MANIPULATED  
VARIABLES FOR**

**PROCESS OPTIMIZATION UNDER CONSTRAINT OF PROCESS-LIMITING VARIABLES  
PROCEDE ET SYSTEME PERMETTANT DE COMMANDER DES POINTS DE CONSIGNE  
DE**

**VARIABLES MANIPULEES POUR OPTIMISATION DE PROCESSUS SOUS LA  
CONTRAINTE**

**DE VARIABLES LIMITANT LE PROCESSUS**

Patent Applicant/Assignee:

BAKER HUGES INCORPORATED, 3900 Essex Lane, Suite 1200, Houston TX 77027,  
US, US (Residence), US (Nationality)

Inventor(s):

HALES Michael L, 2456 Wilson Avenue, Salt Lake City, UT 84108, US,  
YNCHAUSTI Randy A, 1629 North 500 West, Centerville, UT 84014, US,  
HALES Lynn B, 626 Little Tree Circle, Salt Lake City, UT 84108, US,  
GRITTON Kenneth S, 6054 South 520 East, Murray, UT 84123, US,

Legal Representative:

RIDDLE Albert J (et al) (agent), Baker Hughes Incorporated, 3900 Essex  
Lane, Suite 1200, Houston, TX 77027, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200314839 A1 20030220 (WO 0314839)

Application: WO 2002US24386 20020801 (PCT/WO US0224386)

Priority Application: US 2001922968 20010806

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AU BR CA CN ID ZA

Publication Language: English

Filing Language: English

Fulltext Word Count: 3208

Fulltext Availability:

Detailed Description

Detailed Description

... discontinuous physical systems." In Baty '663, a process control system is claimed comprising a process **correcting** routine that comprises a predictor which uses approximated future states of a physical process, described in terms of a set of predicted process parameters, and a **corrector** which compares the set of predicted process parameters to the set of desired process parameters. The Baty '663 process **correcting** routine alters a set of adjustable control parameters such that the physical process is directed more closely along a desired process path.

Neither of these teach or suggest using **predicted** rates of **change** in ...system that uses dynamically modeled representations of the process to be controlled, thus providing for **automatically optimized** changes in the process control model being used in real time. Hales '126 provides a

...

8/3,K/13 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2007 WIPO/Thomson. All rts. reserv.

00959801 \*\*Image available\*\*

**METHOD AND ARRANGEMENT OF TRANSMITTING INFORMATION IN A  
TELECOMMUNICATIONS  
SYSTEM**

**PROCEDE ET ARRANGEMENT D'INFORMATIONS DE TRANSMISSION DANS UN  
SYSTEME DE  
TELECOMMUNICATIONS**

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON, S-126 25 Stockholm, SE, SE (Residence),  
SE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

BINUCCI Nicola, Corte dei Galluzzi, 8, I-40100 Bologna, IT, IT  
(Residence), IT (Nationality), (Designated only for: US)

MASI Mirko, Via Mincio, 4, I-40139 Bologna, IT, IT (Residence), IT  
(Nationality), (Designated only for: US)

GAIANI Eros, Via Misa, 7, I-40139 Bologna, IT, IT (Residence), IT  
(Nationality), (Designated only for: US)

Legal Representative:

VATTI Paolo (et al) (agent), Fumero Studio Consulenza Brevetti S.n.c.,  
Via S. Agnese, 12, I-20123 Milano, IT,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200293969 A1 20021121 (WO 0293969)

Application: WO 2001IT240 20010516 (PCT/WO IT0100240)

Priority Application: WO 2001IT240 20010516

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5250

Fulltext Availability:

Detailed Description

Detailed Description

... to provide an effective resource management during  
soft/softer handover, two aspects are considered.

An **appropriate** trade-off between an active set of several  
cells being active in the uplink, in order to **improve** the  
**probability** of selecting the best link, and a reduced number  
of cells in the downlink in order to reduce the total  
interference in the downlink.



The necessity of having a **self - configuring** system, i.e. a  
Radio Network Management capable of managing traffic load  
variations over space...

**8/3,K/22 (Item 12 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2007 WIPO/Thomson. All rts. reserv.

00761422

**BUSINESS ALLIANCE IDENTIFICATION  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION  
D'ALLIANCES**

**COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU**

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

Inventor(s):

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BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt,  
P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073928 A2-A3 20001207 (WO 0073928)

Application: WO 2000US14375 20000524 (PCT/WO US0014375)

Priority Application: US 99320816 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149371

**8/3,K/24 (Item 14 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2007 WIPO/Thomson. All rts. reserv.

00736147 **\*\*Image available\*\***

**SYSTEMS AND METHODS FOR INTERACTIVE VIRTUAL REALITY PROCESS  
CONTROL,**

**SIMULATION, AND TRAINING (IVRPCST)**

**SYSTEMES ET PROCEDES DE COMMANDE, DE SIMULATION ET DE FORMATION DU  
PROCESSUS DE REALITE VIRTUELLE INTERACTIVE**

Patent Applicant/Assignee:

WESTINGHOUSE SAVANNAH RIVER COMPANY, P.O. Box 616, Aiken, SC 29808, US,

US (Residence), US (Nationality)

Inventor(s):

DANIEL William E Jr, 462 Crossroad Drive, North Augusta, SC 29841, US  
WHITNEY Michael A, 746 Riverfront Drive, Augusta, GA 30901, US

Legal Representative:

HARDAWAY John B III, Nexsen Pruet Jacobs & Pollard, LLP, Post Office  
Drawer 10648, Greenville, SC 29603-0648, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200049475 A2 20000824 (WO 0049475)  
Application: WO 2000US5323 20000217 (PCT/WO US0005323)  
Priority Application: US 99250850 19990217

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25614

Fulltext Availability:

Detailed Description

Detailed Description

... closer the output of predictive tools is to the relevant operations  
management environment, the more **accurately** and quickly a manager can  
apply the output of the predictive tools. In fully **automated** cases, the  
**manager** may simply need to be notified that the predictive tools are  
changing one or more variables in operations; in other cases, the manager  
may have to intervene to implement **changes** recommended by the  
**predictive** tools, such as **replacing** a ...a person may still have  
difficulty deciphering the significance of the information and in making  
**correct**

SUBSTITUTE SHEET (RULE 26)

operational and management decisions. Problems in deciphering information  
become even more...

8/3,K/25 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00734714 \*\*Image available\*\*

**UNCERTAINTY CONSTRAINED SUBSURFACE MODELING**  
**MODELISATION DE ZONE SOUTERRAINE A INCERTITUDE REDUITE**

Patent Applicant/Assignee:

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NL (Nationality), (Designated only for: GB pmbrk=pmno)  
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S.W., Calgary, Alberta T2P 3W2, CA, CA (Residence), CA (Nationality),

(Designated only for: CA)

SCHLUMBERGER TECHNOLOGY B V, Parkstraat 83-89, NL-2514 JG The Hague, NL,  
NL (Residence), NL (Nationality), (For all designated states except: BE  
BF BJ BR CA CF CG CI CM CN FR GA GB GH GN GR JP KE ML MR MW MX NE NL PL  
PT RO SD SE SG SN SZ TD TG)

SERVICES PETROLIERS SCHLUMBERGER, 42, rue Saint-Dominique, F-75430 Paris  
Cedex 07, FR, FR (Residence), FR (Nationality), (Designated only for:  
FR)

SCHLUMBERGER HOLDINGS LIMITED, P.O. Box 71, Craigmuir Chambers, Road  
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for: BE GH GR JP KE MW NL PL PT RO SD SE SG SZ)

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only for: BF BJ CF CG CI CM GA GN ML MR NE SN TD TG)

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PRANGE Michael, 2 Pine Mountain Road, Danbury, CT 06810, US

Legal Representative:

BATZER William, Intellectual Property Law Department, Schlumberger-Doll  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200048022 A1 20000817 (WO 0048022)

Application: WO 2000US3615 20000211 (PCT/WO US0003615)

Priority Application: US 99119821 19990212; US 99165333 19991112

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8672

Fulltext Availability:

Detailed Description

Detailed Description

... consistent update will suffer. In our example, it is  
clear that while the seismic data **predicted** by the  
consistently **updated** SEM are close to the ...other hand, the updated  
model should be close to the  
best value and thus an **automated optimization** applied at this  
stage should have a good chance of succeeding. Starting from  
the model...

...the best model is

found, the posterior covariance matrix may be evaluated again for more **accurate** uncertainty quantification.

In the previous section we also described a Monte Carlo approach to quantify...

8/3,K/26 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2007 WIPO/Thomson. All rts. reserv.

00548777 \*\*Image available\*\*

**IMPROVED FLUID MANAGEMENT SYSTEM FOR ARTHROSCOPIC SURGERY  
SYSTEME DE GESTION DE FLUIDE AMELIORE POUR CHIRURGIE ARTHROSCOPIQUE**

Patent Applicant/Assignee:

AQUARIUS MEDICAL CORPORATION,

Inventor(s):

CHANDLER W Jeffrey,

KANE John,

EGAN Michael J,

PHILLIPS Howard S,

ROUNDY James S,

CASSADAY Ernest W,

ETHERINGTON Roger,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200012150 A1 20000309 (WO 0012150)

Application: WO 99US19855 19990830 (PCT/WO US9919855)

Priority Application: US 98141489 19980828

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP KR NZ AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 13979

Fulltext Availability:

Detailed Description

Detailed Description

... the

flow control using a plurality of valves downstream of the body cavity, a more **accurate** pressure transducer, a pressurized inflow line that does not depend solely-on the gravity head, ...and a microprocessor controlled feedback operation that is not passive but, using software, can actively **predict** and **anticipate changes** in flowrate and/or pressure to achieve smoother tracking of pressure and flow rates.

In...

...diaphragm either

introduce errors in pressure readings or system has to be calibrated to obtain **accurate** pressure data. The pressure sensing system of the present invention is,an improvement over this...

...procedures or any other fluid dependent surgical irrigation procedure. The major features of the portable, **self-contained fluid management** system include a self-contained and automatic fluid supply system comprising a sterile solution supply...

8/3,K/27 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00411745 \*\*Image available\*\*

**IMPROVED FLUID MANAGEMENT SYSTEM FOR ARTHROSCOPIC SURGERY  
SYSTEME AMELIORE DE GESTION DES FLUIDES EN CHIRURGIE ARTHROSCOPIQUE**

Patent Applicant/Assignee:

AQUARIUS MEDICAL CORPORATION,

Inventor(s):

CHANDLER W Jeffrey,

KANE John,

EGAN Michael J,

PHILLIPS Howard S,

ROUNDY James S,

CASSADAY Ernest W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9802205 A1 19980122

Application: WO 97US12622 19970717 (PCT/WO US9712622)

Priority Application: US 96683745 19960717; US 96744883 19961108

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT  
RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN GH KE LS MW SD SZ UG ZW AM  
AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 15117

Fulltext Availability:

Detailed Description

Detailed Description

... the  
flow control using a plurality of valves downstream of  
the body cavity, a more **accurate** pressure transducer, a  
pressurized inflow line that does not depend solely on  
the gravity head...and a  
microprocessor controlled feedback operation that is not  
passive but, using software, can actively **predict** and  
**anticipate** changes in flowrate and/or pressure to  
achieve smoother tracking of pressure and flow rates,  
In...

...diaphragm either  
introduce errors in pressure readings or system has to

be calibrated to obtain **accurate** pressure data, The pressure sensing system of the present invention is an improvement over this...

...procedures or any other fluid dependent surgical irrigation procedure. The major features of the portable, **self**-contained fluid **management** system include a self-contained and automatic fluid supply system comprising a sterile solution supply...

8/3,K/28 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00286872 \*\*Image available\*\*

# **WIRING DISTRIBUTION FRAME**

## **REPARTITEUR GENERAL DES FILS**

Patent Applicant/Assignee:

WARBURTON Kenneth James,

Inventor(s):

WARBURTON Kenneth James,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9505021 A1 19950216

Application: WO 94US8811 19940805 (PCT/WO US9408811)

Priority Application: US 93330 19930806

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ  
LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN  
KE MW SD AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR NE SN TD TG

Fulltext Word Count: 7311

Fulltext Availability:

Detailed Description

Detailed Description

... to the extent

that the optimum height was exceeded

When initial design parameters are reasonably **correct**, the lessening of overall average interconnection length for a vertical growth self-closing DF, as...

...length of interconnection for a linear type frame would exceed 300 feet, but on an **optimized self**-closing vertical growth DF, the ...larger savings, in terms of overall average length, that the DF of this invention generates, **enhances the probability** that all interconnections can be made within a central office, to create any circuit required...

...10 illustrates the total amount of wire needed to randomly, fully interconnect conventional linear and **optimized self**-closing DF's as a function of total pairs terminated. For 4 million outside cable...type

shown in FIG. 1, as compared to about 0.65 billion feet for the  
**optimized self-closing DF**  
according to the principles of the present invention

Now that the invention has...

**14/3,K/2 (Item 2 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

01560453

**Motorized system integrated control and diagnostics using vibration,  
pressure, temperature, speed, and/or current analysis**

**Integrierte Steuerung und Diagnose fur ein motorbetriebenes System unter  
Verwendung von Schwingungs-, Druck-, Temperatur-, Geschwindigkeits-,  
und/oder Stromanalyse**

**Diagnostic et commande integrees d' un systeme motorise bases sur l' analyse  
de vibration, pression, temperature, vitesse et/ou courant**

**PATENT ASSIGNEE:**

Reliance Electric Technologies, LLC, (3861970), 1 Allen-Bradley Drive,  
Mayfield Heights, Ohio 44124, (US), (Proprietor designated states: all)

**INVENTOR:**

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Zevchek, Joseph K., 1917 Thorpe Circle, Brunswick, Ohio 44212, (US)  
Bezdicek, Jan, Palackeho 518, 535 01 Prelouc, (CZ)  
Flek, Ondrej, Prazska 49, 267 12 Lodenice, (CZ)  
Sladek, Bohumir, Vyletni 351, 142 00 Prague 4, (CZ)  
Tusla, Petr, Na Kocince 5, 160 00 Prague 6, (CZ)  
Ryba, Jiri, Kubikova 8, 182 00 Prague 8, (CZ)  
Vetcha, Sarat Babu, 2-2-1130/19/5b, C-5, Prashanth Nagar, New Nallakunta,  
Hyderabad 500 044, (IN)  
Unsworth, Peter J., Winterbourne Mews, Lewes BN7 1HG, East Sussex, (GB)  
Kostic-Perovic, Dragica, Suboticki put 24, 24420 Kanjiza, Vojvodina, (YU)  
Perovic, Srdjan, Aleksinackik rudara 6, 11080 Zemun, Serbia, (YU)  
Arkan, Muslum, Beydagi Mah, M.Akif Ersoy Cad, No. 121, Malatya, (TR)  
Loparo, Kenneth A., 12310 Caves Road, Chesterland, Ohio 44026-2110, (US)

**LEGAL REPRESENTATIVE:**

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

**PATENT (CC, No, Kind, Date):** EP 1298511 A1 030402 (Basic)  
EP 1298511 B1 050330

**APPLICATION (CC, No, Date):** EP 2002017653 020806;

**PRIORITY (CC, No, Date):** US 965545 010927

**DESIGNATED STATES:** DE; FR; GB; IT

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS (V7):** G05B-023/02

**ABSTRACT WORD COUNT:** 154

**NOTE:**

Figure number on first page: 1

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200314	1050
CLAIMS B	(English)	200513	918

CLAIMS B (German) 200513 866  
CLAIMS B (French) 200513 1072  
SPEC A (English) 200314 18508  
SPEC B (English) 200513 19085  
Total word count - document A 19562  
Total word count - document B 21941  
Total word count - documents A + B 41503

...SPECIFICATION much smaller, compact, training set may be employed, which still enables the present invention to **correctly** classify the operating state of the motor pump system. Furthermore, original signal information from the...

...and models. These techniques could be readily expanded to include pump hardware and pump process **protection** via **automatic** shutdown, failure prediction/ prognostics, **corrective** action **recommendations**, monitor and control energy usage and to ensure EPA and safety guidelines are complied with...

...SPECIFICATION much smaller, compact, training set may be employed, which still enables the present invention to **correctly** classify the operating state of the motor pump system. Furthermore, original signal information from the...

...and models. These techniques could be readily expanded to include pump hardware and pump process **protection** via **automatic** shutdown, failure prediction/ prognostics, **corrective** action **recommendations**, monitor and control energy usage and to ensure EPA and safety guidelines are complied with...

**14/3,K/3 (Item 3 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

01545566

**ADVICE SYSTEM FOR IMAGE PICKUP METHOD AND IMAGE EDITION**  
**RATGEBERSYSTEM FUR EIN BILDERFASSUNGSVERFAHREN UND BILDEDITIERUNG**  
**SYSTEME D'ASSISTANCE POUR PROCEDE DE SAISIE D'IMAGE ET D'EDITION D'IMAGE**  
PATENT ASSIGNEE:

Nikon Corporation, (1099921), 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo  
100-8331, (JP), (Applicant designated States: all)

Nikon Technologies, Inc., (3288390), 3-25 Futaba 1-chome, Shinagawa-ku,  
Tokyo 142-0043, (JP), (Applicant designated States: all)

INVENTOR:

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AKIYA, Hiroyuki C/O NIKON CORPORATION, 2-3, Marunouchi 3-chome Chiyoda-ku  
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MITSUHASHI, Setsu C/O NIKON CORPORATION, 2-3, Marunouchi 3-chome  
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LEGAL REPRESENTATIVE:

Walaski, Jan Filip et al (92081), Venner, Shipley & Co, 20 Little Britain  
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PATENT (CC, No, Kind, Date): EP 1427190 A1 040609 (Basic)  
WO 2003001794 030103



APPLICATION (CC, No, Date): EP 2002741212 020620; WO 2002JP6154 020620  
PRIORITY (CC, No, Date): JP 2001186204 010620; JP 2001186205 010620; JP  
2001186206 010620; JP 2001186207 010620; JP 2001186208 010620; JP  
2001186209 010620

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04N-005/225; G06F-017/60; G06T-001/00;  
G06T-011/60; H04N-005/232; H04N-017/02

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 16

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200424 4074

SPEC A (English) 200424 23320

Total word count - document A 27394

Total word count - document B 0

Total word count - documents A + B 27394

...SPECIFICATION not like using a strobe, the server-side computer 2  
advises that the exposure be **corrected** so as to raise the brightness  
level of the main subject without using a strobe...

...if the user is relatively inexperienced as a photographer and the camera  
includes a backlight **correction** button that can be easily set or the  
like, the server-side computer 2 should **advise** that the backlight  
**correction** button be used.

The server-side computer 2 prepares the optimal advice for the user...

...In order to enable the advice as described above, a table in which the  
image **optimization** processing **automatically** executed on image data is  
stored in memory in relation to specific photographic settings is...

**14/3,K/4 (Item 4 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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00324429

**Automated production release system**

**Automatisiertes System zur Freigabe von Produktion**

**Systeme automatique pour le declenchement de production**

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Natarajan, Bharath, 2170 Meadowind Lane, Marietta Georgia 30062, (US)

LEGAL REPRESENTATIVE:

Therias, Philippe et al (77261), Compagnie IBM FRANCE, Departement de  
Propriete Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 319442 A2 890607 (Basic)

EP 319442 A3 900919

EP 319442 B1 960515

APPLICATION (CC, No, Date): EP 88480077 881122;  
PRIORITY (CC, No, Date): US 127334 871201  
DESIGNATED STATES: DE; FR; GB; IT  
INTERNATIONAL PATENT CLASS (V7): G06F-017/60;  
ABSTRACT WORD COUNT: 124  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	494
CLAIMS B	(English)	EPAB96	268
CLAIMS B	(German)	EPAB96	266
CLAIMS B	(French)	EPAB96	343
SPEC A	(English)	EPABF1	3842
SPEC B	(English)	EPAB96	3799
Total word count - document A			4336
Total word count - document B			4676
Total word count - documents A + B			9012

...SPECIFICATION as set out in List 1 below for the orders under evaluation and generates a **recommended revised** sequence and priorities in block 35 based on the results of the analysis. The system **automatically** sets up **management** reports in block 36 which can be printed upon request.

LIST 1

Order Release Rules...

...method involving the following steps :

1. Establish unit of production to be measured.
2. Find **appropriate** level of in-process inventory.
3. Install means to measure output.
4. Release according to...

...SPECIFICATION as set out in List 1 below for the orders under evaluation and generates a **recommended revised** sequence and priorities in block 35 based on the results of the analysis. The system **automatically** sets up **management** reports in block 36 which can be printed upon request.

LIST 1

Order Release Rules...

...method involving the following steps :

1. Establish unit of production to be measured.
2. Find **appropriate** level of in-process inventory.
3. Install means to measure output.
4. Release according to...

14/3,K/8 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00963611 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER  
SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET**

**POUR SERVICES DE LOCATION DE VEHICULES**

**Patent Applicant/Assignee:**

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US  
, US (Residence), US (Nationality), (For all designated states except:  
US)

**Patent Applicant/Inventor:**

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US  
, US (Residence), US (Nationality), (Designated only for: US)  
DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO  
63043, US, US (Residence), US (Nationality), (Designated only for: US)  
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,  
US (Residence), US (Nationality), (Designated only for: US)  
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(Residence), US (Nationality), (Designated only for: US)  
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US  
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**Legal Representative:**

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1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200297700 A2 20021205 (WO 0297700)  
Application: WO 2001US51431 20011019 (PCT/WO US0151431)  
Priority Application: US 2000694050 20001020

**Parent Application/Grant:**

Related by Continuation to: US 2000694050 20001020 (CIP)

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 237932

**Fulltext Availability:**

Detailed Description

**Detailed Description**

... All incoming transaction sets should allow a change of the Customer  
Transaction ID. Remittance Advice (IRMI) transaction sets will not be  
included because this would require a change in...

DIALOG(R)File 349:PCT FULLTEXT  
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00952534 \*\*Image available\*\*

**SIMPLIFIED MODELING SOFTWARE INTERFACE AND METHOD**  
**INTERFACE ET PROCEDE DE LOGICIEL DE MODELISATION SIMPLIFIEE**

Patent Applicant/Assignee:

BREED AUTOMOTIVE TECHNOLOGY INC, P.O. Box 33050, Lakeland, FL 33807-3050,  
US, US (Residence), US (Nationality), (For all designated states  
except: US)

TNO MADYMO NORTH AMERICA, 38701 Seven Mile Road, Suite 206, Livonia, MI  
48152, US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

ALTAMORE Paul Francis, 39366 Village Green Boulevard, Apt. 107,  
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(Designated only for: US)

ROCKWELL William Edward, 39487 County Lane, Novi, MI 48375, US, US  
(Residence), US (Nationality), (Designated only for: US)

COOPER John, 3920 Sandbar Court, Oxford, MI 48371, US, US (Residence), GB  
(Nationality), (Designated only for: US)

Legal Representative:

DRAYER Lonnie R (agent), Breed Automotive Technologie, Inc., P.O. Box  
33050, Lakeland, FL 33807-3050 (et al), US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200286670 A2-A3 20021031 (WO 0286670)

Application: WO 2002US12482 20020423 (PCT/WO US0212482)

Priority Application: US 2001286069 20010424

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG  
TR US YU ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 5708

Fulltext Availability:

Detailed Description

Detailed Description

... generate output files. Check reprint file for errors and statistics

Functionality

Automatically submit time zero **run**

**Automatically** generate temp directory

Indicate to user status of presimulation

Option to skip presimulation

Offer user...file and check for acceptance

Check time step issues and indicate problems and suggestions if

**appropriate** Identify finite element controlling time step - **suggest** if  
**improvement** is required

Initial contact penetration check - contact experienced user if required

Inputs

Base file

Results...

14/3,K/10 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00945775 \*\*Image available\*\*

**SYSTEM AND METHOD FOR BUSINESS SYSTEMS TRANSACTIONS AND  
INFRASTRUCTURE  
MANAGEMENT**

**SYSTEME ET PROCEDE DE GESTION DE L'INFRASTRUCTURE ET DES TRANSACTIONS  
DE**

**SYSTEMES D'ENTREPRISES**

Patent Applicant/Assignee:

COVASOFT INC, 1250 S. Capital of Texas Hwy., Bldg. 1, Ste. 240, Austin,  
TX 78746, US, US (Residence), US (Nationality)

Inventor(s):

MENARD Cody, 802 Ivory Ridge Lane, Houston, TX 77094, US,  
MURTHY Raghavendra, 2812 Lantana Ridge Drive, Austin, TX 78732, US,  
WOLFE Brian, 13545 Ana Rosa Loop, Austin, TX 78727, US,

Legal Representative:

RUSSELL Douglas (agent), Taylor Russell & Russell, P.C., Building One,  
Suite 1200, 4807 Spicewood Springs Road, Austin, TX 78759, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200279928 A2-A3 20021010 (WO 0279928)

Application: WO 2002US9103 20020326 (PCT/WO US0209103)

Priority Application: US 2001681419 20010330

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10325

Fulltext Availability:

Detailed Description

Detailed Description

... is recorded and analyzed. If a problem is identified, the relevant  
condition is diagnosed and **corrective** action is either **recommended** or  
**automatically** implemented.

The **management** server contains powerful analysis engines that allow  
the  
software to quickly diagnose complex, cross-domain problems, analyze  
system performance, forecast potential failures, and **recommend** or  
automate **corrective** actions.

The management system can also automatically reconfigure the client system to adapt to environment...

...diagnosis of cross-domain problems, performance analysis, predictive analysis, automated problem solving, remote notification, and **automatic configuration** capability.

The business systems transaction and infrastructure management system improves the reliability, repeatability, and total...optimal configuration control and facilitating troubleshooting. Root-cause analysis of cross-domain problems and automated/ **recommended corrective** actions reduce support costs and enable proactive improvements to the transaction execution environment. Impact analysis...

**14/3,K/11 (Item 6 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00937540 **\*\*Image available\*\***

**SYSTEM AND APPARATUS FOR ACCELERATING CONTENT DELIVERY THROUGHOUT NETWORKS**

**SYSTEME ET APPAREIL DESTINES A ACCELERER LA DIFFUSION DE CONTENU A TRAVERS**

**DES RESEAUX**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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OLKKOLA Edward E, 405 Graciosa Cove, Austin, TX 78746, US,

Legal Representative:

ENDERS William W (agent), O'Keefe, Egan & Peterman, LLP, 1101 Capital of  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200271716 A2 20020912 (WO 0271716)

Application: WO 2001US46214 20011102 (PCT/WO US0146214)

Priority Application: US 2001797199 20010301

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14117

Fulltext Availability:

Detailed Description

Detailed Description

... 200 of the present invention. Such "Intelligent" software modules are preferably capable of **self - monitoring** , **self -diagnosis**, generation of problem resolution **recommendations** , and self- **correcting** actions. These intelligent software modules may be provided in the areas of fault management and...

**14/3,K/12 (Item 7 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00865350 \*\*Image available\*\*

**AUTOMATED CLAIMS FULFILLMENT SYSTEM**

**SYSTEME AUTOMATISE DE GESTION DE DECLARATIONS DE SINISTRE**

Patent Applicant/Assignee:

AMERICAN MANAGEMENT SYSTEMS INC, 4050 Legato Road, Fairfax, VA 22033, US,  
US (Residence), US (Nationality)

Inventor(s):

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HARVIE John Charles, 24 Bannister Gardens, Storrington, West Sussex RH20  
4PU, GB,

Legal Representative:

KRAVETZ Paul I (agent), Staas & Halsey LLP, Suite 500, 700 Eleventh St.  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200198914 A1 20011227 (WO 0198914)

Application: WO 2001US40859 20010607 (PCT/WO US0140859)

Priority Application: US 2000598693 20000621

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8872

Fulltext Availability:

Claims

Claim

... bids from the suppliers,  
automatically transmitting the received bids to the insurer',  
allowing the insurer to **manage** the bids,  
automatically transmitting the managed bids to the claimant,  
providing for the claimant to...

...the selected bid.

32 A method as in claim 24, wherein said automatically coordinating comprises: **automatically managing**, via **automatic** computer processing, catalogs provided by the suppliers to **propose** a **replacement** item from the catalogs to compensate the claimant ...the insured item.

33 A method as in claim 24, wherein said automatically coordinating comprises: **automatically managing**, via **automatic** computer processing, catalogs provided by the suppliers to **propose** a **replacement** item from the catalogs to compensate the claimant for loss of the insured item, automatically transmitting information, via automatic computer processing, regarding the **proposed replacement** item to the claimant, and providing for the claimant to accept the **proposed replacement** item-39

34 - A method as in claim 33, wherein said automatically coordinating further...

...coordinating further comprises: automatically managing, via automatic computer processing, catalogs provided by the suppliers to **propose** a plurality of **replacement** items from the catalogs for the insured item, automatically transmitting, via automatic computer processing, information...

14/3,K/13 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00857259 \*\*Image available\*\*

**SYSTEM AND METHOD FOR AUTOMATICALLY CLASSIFYING TEXT  
PROCEDE ET SYSTEME DE CLASSIFICATION AUTOMATIQUE DE TEXTE**

Patent Applicant/Assignee:

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COPPERMAN Max, 233 Sunset Avenue, Santa Cruz, CA 95060, US,  
HUFFMAN Scott B, 195 Opal Avenue, Redwood City, CA 94062, US,

Legal Representative:

VIKSININS Ann S (et al) (agent), Schwegman, Lundberg, Woessner & Kluth,  
P.O. Box 2938, Minneapolis, MN 55402, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200190921 A2-A3 20011129 (WO 0190921)

Application: WO 2001US16872 20010525 (PCT/WO US0116872)

Priority Application: US 2000206975 20000525

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EC  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR



(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14320

Fulltext Availability:

Detailed Description

Detailed Description

... of the text) to make its classification. D uses regions 22 and 23  
(manufacturer's **recommended corrective** action and field service  
notes) to make its classification. Assignment to the final node E...

...regions D uses for the D level classification.

[781 The present invention may also be **configured to automatically** or  
manually tag documents based on perspective attributes. For example, the  
system provides a method...

**14/3,K/14 (Item 9 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00841976 **\*\*Image available\*\***

**IMPROVING CONTEXTUAL RESPONSES BASED ON AUTOMATED LEARNING  
TECHNIQUES**

**AMELIORATION DE REPONSES CONTEXTUELLES GRACE A DES TECHNIQUES  
D'APPRENTISSAGE AUTOMATISE**

Patent Applicant/Assignee:

TANGIS CORPORATION, 1848 Westlake Avenue North, Seattle, WA 98109, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

MATTESON Eric L, 4256-155th Place S.E., Bellevue, WA 98006, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

WHITE James A D (et al) (agent), Perkins Coie LLP, P.O. Box 1247,  
Seattle, WA 98111-1247, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200175653 A2-A3 20011011 (WO 0175653)

Application: WO 2001US10599 20010402 (PCT/WO US0110599)

Priority Application: US 2000193999 20000402; US 2000194006 20000402; US  
2000194123 20000402; US 2000724902 20001128

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 31742

Fulltext Availability:

Detailed Description

Detailed Description

... model and associated logic, it is beneficial that the computer itself have the ability to **propose** and execute **improvements** .

As with self-customizm'g of a user context model, an automated ability to predict and provide **appropriate** information for a user can provide various benefits.

A user's tasks and situations constantly...

...identify and predict with sufficient precision and without continual user indication what information would be **appropriate** for different circumstances.

In a similar manner, an **automated** ability to **optimize** software and device user interfaces (e.g., GUIs), such as to predict and provide **appropriate** functionality, can provide various benefits. As a user's physical, mental, data, and computing resource...

14/3,K/15 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00785458 \*\*Image available\*\*

**METHOD AND APPARATUS FOR REMOTELY ENABLING A PREINSTALLED AND PREVIOUSLY**

**DISABLED APPLICATION ON A COMPUTER SYSTEM  
PROCEDE ET DISPOSITIF PERMETTANT DE VALIDER UNE APPLICATION PRE-  
INSTALLEE**

**ET PRECEDEMMENT DESACTIVEE DANS UN SYSTEME INFORMATIQUE**

Patent Applicant/Assignee:

EVERDREAM INC, 1288 Pear Avenue, Mountain View, CA 94030, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

RIVE Russell, 2433 Greer Road, Palo Alto, CA 94303, US, US (Residence),  
CA (Nationality), (Designated only for: US)

Legal Representative:

MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,  
7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200119014 A1 20010315 (WO 0119014)

Application: WO 2000US24176 20000831 (PCT/WO US0024176)

Priority Application: US 99151676 19990831; US 99418699 19991015

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13420

Fulltext Availability:

Detailed Description

Detailed Description

... applications installed

in the unsupported partition 56 subsequent to the initial installation.

However, as the **correction** operations **proposed** by steps 208, 210, 212  
and 214 requires reduced technical expertise and time expenditure, the...

...locally or remotely, in an automated fashion. In one embodiment, the  
computer system 50 is **configured** to **automatically** establish a dial-up  
connection to a support service on a periodic basis, and to...

**14/3,K/16 (Item 11 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00783173 \*\*Image available\*\*

**METHOD AND APPARATUS FOR CONFIGURING A HARD DISK AND FOR PROVIDING  
SUPPORT**

**FOR A COMPUTER SYSTEM**

**PROCEDE ET APPAREIL POUR CONFIGURATION D'UNE UNITE DE DISQUE DUR ET  
ASSISTANCE DE SYSTEME INFORMATIQUE**

Patent Applicant/Assignee:

EVERDREAM INC, 1288 Pear Avenue, Mountain View, CA 94030, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

RIVE Russell, 2433 Greer Road, Palo Alto, CA 94303, US, US (Residence),  
CA (Nationality), (Designated only for: US)

Legal Representative:

MALLIE Michael J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman LLP,  
7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116684 A1 20010308 (WO 0116684)

Application: WO 2000US24185 20000831 (PCT/WO US0024185)

Priority Application: US 99151676 19990831; US 99418697 19991015

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 13109

Fulltext Availability:  
Detailed Description

#### Detailed Description

... applications installed in the unsupported partition 56 subsequent to the initial installation. However, as the **correction** operations **proposed** by steps 208, 210, 212 and 214 requires reduced technical expertise and time expenditure, the...locally or remotely, in an automated fashion. In one embodiment, the computer system 50 is **configured** to **automatically** establish a dial-up connection to a support service on a periodic basis, and to...

14/3,K/17 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00271713 \*\*Image available\*\*

#### METHOD AND APPARATUS FOR RESOLVING FAULTS IN COMMUNICATIONS NETWORKS

#### PROCEDE ET APPAREIL DE CORRECTION DE DEFAUTS DANS DES RESEAUX DE COMMUNICATION

Patent Applicant/Assignee:  
CABLETRON SYSTEMS INC,  
Inventor(s):  
LEWIS Lundy,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9419888 A1 19940901  
Application: WO 94US2056 19940225 (PCT/WO US9402056)  
Priority Application: US 9323972 19930226

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English  
Fulltext Word Count: 6884

Fulltext Availability:  
Claims

#### Claim

... proposing potential resolutions includes the step of automatically transmitting a proposed resolution to a network **configuration** module for **automatic** execution of the proposed resolution.

20 The method of claim 16, further comprising the step of storing the outstanding trouble ticket in the trouble

ticket library after an **appropriate** resolution has been determined and stored in the data field capable of storing the resolution...

...storing the resolution and an indication in another data field of whether or not the **proposed** resolution **corrected** the network fault,

22 An apparatus for resolving faults in a communications network, comprising:  
an...

**21/3,K/2 (Item 2 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
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00950412 **\*\*Image available\*\***

**METHOD FOR AUTOMATICALLY MANAGING AGRIBUSINESS SUPPLY INVENTORY**  
**PROCEDE DE GESTION AUTOMATIQUE D'UN STOCK EN AGRO-ALIMENTAIRE**

Patent Applicant/Assignee:

AGECOM INC, 2420 Westport Circle, Marietta, GA 30064, US, US (Residence),  
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HOGAN Thomas, 2420 Westport Circle, Marietta, GA 30064, US, US  
(Residence), -- (Nationality), (Designated only for: US)

Legal Representative:

LAFFERTY Wm Brook (agent), Troutman Sanders LLP, 600 Peachtree Street,  
Suite 5200, Atlanta, GA 30308-2216, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200284563 A1 20021024 (WO 0284563)

Application: WO 2002US11429 20020410 (PCT/WO US0211429)

Priority Application: US 2001833178 20010411

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6187

Fulltext Availability:

Detailed Description

Detailed Description

... identify possible corrective

measures to remedy the problems within the agribusiness operation, then

1 5 **recommend** a best course of **corrective** action for the agribusiness  
operation.

Finally, there is a need for an **automated** agribusiness **management**

system which will determine-from automatic analysis of a strategic agribusiness plan-which supplies are critical supply items and which system will, at an appropriate time, determine advantageous sources for the critical supply items and automatically order the critical supply

**21/3,K/3 (Item 3 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00807402 \*\*Image available\*\*

**SYSTEMS AND METHODS OF ON-LINE BOOKING OF CRUISES, MATCHING CUSTOMER**

**PREFERENCES WITH AVAILABLE OPTIONS, DISPLAYING CRUISE LINE PRICING DATA, COMPARING PRODUCT INFORMATION AND MAINTAINING CLIENT RELATIONSHIPS**

**SYSTEMES ET PROCEDES DE VENTE ET RESERVATION EN LIGNE DE CROISIERES CORRESPONDANT AUX PREFERENCES DES CLIENTS PARMIS LES OPTIONS**

**OFFERTES,**

**PRESENTANT LES PRIX DES COMPAGNIES, COMPARANT LES INFORMATIONS SUR LES**

**PRODUITS, ET ASSURANT LE SERVICE A LA CLIENTELE**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200140978 A2 20010607 (WO 0140978)  
Application: WO 2000US32875 20001202 (PCT/WO US0032875)  
Priority Application: US 99168871 19991203

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU  
CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ  
EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL  
IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 56260

Fulltext Availability:

Detailed Description

Detailed Description

... and booking.

In one embodiment, these features are integrated into a cruise selling  
and booking **system** that **automatically manages** the administrative  
tasks used to determine the customer needs and preferences. Furthermore,  
the cruise selling...cruise selling and booking system facilitates the  
ability of the customers and agents to compare **accurately** the various  
cruise pricing data.

1. Overview

In one embodiment, the systems and methods may...This information may be  
displayed or hidden underneath the rate code by clicking on the **right**  
arrow 924, which becomes a down arrow to represent the expanded field.  
The user may...above. These buttons enable the user to switch between a

variety of price matrices permitting **accurate** comparisons of pricing information.

In one embodiment, the user may select another cruise to view...selection of cruise package and pricing information. The compare display enables the users to compare **accurately** the detailed cruise package and pricing information.

One benefit of one embodiment is that users...

...The cruise selling and booking system provides a tool for readily accessing up-to-date, **accurate** cruise information without spending the large amount of time often required when telephoning the cruise...

...booking system 1 1 0 facilitates the ability of the customers and agents to compare **accurately** the various cruise packages.

. Overview

In one embodiment, the systems and methods may be used...fields may remain empty if the comparison module 380 is unable to provide current or **accurate** data. In one embodiment, empty fields remain visible to act as place holders so that...one side such that the open card is always the left most card or the **right** most card.

In one embodiment, the customer may have a lot of flexibility regarding both...side-by-side comparison. In the current model, the cards are filled from left to **right** and once three cards are populated, the user must cancel one of the cards as...s time.

In one embodiment, these features are integrated into a cruise selling and booking **system** that **automatically manages** the administrative tasks used to determine the customers to which an agent has exclusive access...

21/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806382

**METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF**

**MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A**

**MARKET SPACE INTERFACE**

**PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE**

**PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Fulltext Availability:

Detailed Description

Detailed Description

... the day-to-day operational functions required to maintain the system  
(e.g. fault detection / **correction** , security management and performance  
management).

Production Control

Monitoring and Control

Fault Management

Security **Management**

Service **Management**

**Service Management** controls the overall service to the users of the  
system. It isolates users from how the **system** is **managed** , and ensures  
that users receive the quality support services they need to carry out  
their...loads records into Oracle via SQL Loader Direct Load.

Proactive Threshold Manager

The Proactive Threshold **Manager** is an **automated network manager**  
that

forewarns service providers of a chance that a service level agreement to  
maintain a...

...NGN hybrid network analyst via an NGN Workstation. The if not ies the  
provider and **suggests appropriate** actions to stop the breach.

Figure 47 is a flowchart showing a Proactive Threshold Management...

...in accordance with a preferred embodiment of the present invention. The  
process begins with a **monitoring** step 4702. In step 4702, the Proactive  
Threshold Manager monitors the NGN hybrid **network** . The Proactive  
Threshold **Manager** generally monitors the **network** at all times to  
ensure proper service is provided to subscribers of the network, by...

21/3,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00337262 \*\*Image available\*\*

**AN INTERACTIVE SYSTEM USING A GRAPHICAL INTERFACE FOR ASSISTING  
MEDICAL**

**PROFESSIONALS IN THE DIAGNOSIS, TREATMENT AND MANAGEMENT OF  
SURGICAL**

**AND TRAUMA PATIENTS**

**SYSTEME INTERACTIF A INTERFACE GRAPHIQUE POUR L'ASSISTANCE AU  
PERSONNEL**

**MEDICAL EN VUE DU DIAGNOSTIC, DU TRAITEMENT ET DU SUIVI DE PATIENTS**

**OPERES OU SOUFFRANT D'UN TRAUMATISME**

Patent Applicant/Assignee:

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Inventor(s):

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MARSH Philip,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9619774 A1 19960627

Application: WO 95US16611 19951219 (PCT/WO US9516611)

Priority Application: US 94358891 19941219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AU CA JP MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 10598

Fulltext Availability:

Claims

Claim

11. An **automated system** for **management** of data related to disease  
and injury  
conditions comprising:  
display means operative to cause information...

...means whereby said delineated condition data is recorded and  
categorized, and additional diagnostic information, as **appropriate**, is  
caused to be displayed to said user.

i 2. The **automated data management system** of Claim 1 further  
including

**advisory** means operating in conjunction with said processing means  
whereby therapeutic information relevant to said condition...

?

26/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01773899

**RESOURCE-AWARE MANAGEMENT OF REQUEST TRAFFIC BASED ON A MANAGEMENT  
POLICY**

**AUF EINE VERWALTUNGSPOLITIK BASIERTE RESSOURCEBEWUSSTE**

**VERWALTUNG VON  
ANFORDERUNGSVERKEHR  
GESTION COMPATIBLE AVEC LES RESSOURCES DE TRAFIC DE DEMANDE SUR LA  
BASE**

**D'UNE POLICE DE GESTION**

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**PATENT (CC, No, Kind, Date):**

WO 2004053693 040624

**APPLICATION (CC, No, Date):** EP 2003776983 031113; WO 2003GB4920 031113

**PRIORITY (CC, No, Date):** US 315339 021210

**DESIGNATED STATES:** AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;

HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK

**INTERNATIONAL PATENT CLASS (V7):** G06F-009/46

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**INVENTOR:**

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**DOYLE, Ronald, Patrick** ...

...US)

**KAMINSKY, David, Louis** ...

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**OGLE, David, Mark** ...

**26/3,K/2 (Item 1 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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01130705 \*\*Image available\*\*

**RESOURCE-AWARE MANAGEMENT OF REQUEST TRAFFIC BASED ON A MANAGEMENT  
POLICY**

**GESTION COMPATIBLE AVEC LES RESSOURCES DE TRAFIC DE DEMANDE SUR LA  
BASE**

**D'UNE POLICE DE GESTION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200453693 A2-A3 20040624 (WO 0453693)

Application: WO 2003GB4920 20031113 (PCT/WO GB03004920)

Priority Application: US 2002315339 20021210

Designated States:

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Word Count: 4794

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... **OGLE David Mark**

File 8: Ei Compendex(R) 1884-2007/Apr W2  
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File 35: Dissertation Abs Online 1861-2007/Mar  
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File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 256: TecInfoSource 82-2007/Oct  
(c) 2007 Info.Sources Inc  
File 56: Computer and Information Systems Abstracts 1966-2007/Mar  
(c) 2007 CSA.  
File 60: ANTE: Abstracts in New Tech & Engineer 1966-2007/Mar  
(c) 2007 CSA.

Set Items Description

S1 157852 AUTONOMIC? OR (AUTOMATE? ? OR AUTOMATIC? ? OR AUTOMATICALLY-  
OR SELF)(2N)(CONFIGUR? OR OPTIMIZ? OR PROTECT? OR GOVERN? OR  
RUN OR RAN OR RUNNING OR MANAG? OR MONITOR?)  
S2 5094332 PREDICT? OR FORECAST? OR FORESEE? OR ANTICIPAT??? OR GUESS-  
??? OR GAUGE? ? OR GAUGING OR PROBABL? ? OR PROBABILIT? OR FO-  
RETELL?  
S3 8715128 SUGGEST? OR RECOMMEND? OR ADVIS? OR ADVIC? OR PROPOS?  
S4 143208 S2(3N)(UPGRAD??? OR UPDAT? OR UP()(GRADE? ? OR DATE? ?) OR  
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ENHANC??? OR DOWNLOAD??? OR DOWN()LOAD??? OR OVERWRIT??? OR C-  
HANGE? ?)  
S5 196493 S3(3N)(UPGRAD??? OR UPDAT? OR UP()(GRADE? ? OR DATE? ?) OR  
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REPLACING OR ENHANC??? OR DOWNLOAD??? OR DOWN()LOAD??? OR OV-  
ERWRIT???)  
S6 5882971 CORRECT? OR ACCURAT? OR APPROPRIAT? OR LEGITIMAT? OR RIGHT?  
OR ERRORLESS OR (ERROR? ? OR MISTAK? ?) (2N)FREE?  
S7 134 S1 AND S4 AND S6  
S8 96 RD (unique items)  
S9 58 S8 NOT PY=2003:2007  
S10 7218 S4(15N)S6  
S11 25 S1 AND S10  
S12 18 RD (unique items)  
S13 12 S12 NOT PY=2003:2007

S14 208 S1 AND S5 AND S6  
 S15 28088 S5(15N)S6  
 S16 97 S1 AND S15  
 S17 70 RD (unique items)  
 S18 51 S17 NOT PY=2003:2007  
 S19 21 S1(15N)S15  
 S20 12 RD (unique items)  
 S21 8 S20 NOT PY=2003:2007  
 S22 8 S21 NOT S13  
 S23 480171 (SYSTEM? ? OR NETWORK? ? OR INFRASTRUCTUR? ? OR ARCHITECTU-  
 RE? ?)(3N)MANAG????  
 S24 9804 S1 AND S23  
 S25 2632 S24 AND (S2 OR S3)  
 S26 440 S25 AND S6  
 S27 94 S24 AND S5  
 S28 35 S27 AND S6  
 S29 20 RD (unique items)  
 S30 12 S29 NOT PY=2003:2007  
 S31 11 S30 NOT (S13 OR S22)  
 S32 55 S24 AND S4  
 S33 15 S32 AND S6  
 S34 11 RD (unique items)  
 S35 8 S34 NOT PY=2003:2007  
 S36 2138 AU=(DOYLE, R? OR DOYLE R?)  
 S37 202 AU=(KAMINSKY, D? OR KAMINSKY D?)  
 S38 119 AU=(OGLE, D? OR OGLE D?)  
 S39 0 AU=(TELEFORD, R? OR TELEFORD R?)  
 S40 0 S36 AND S37 AND S38

13/5,K/1 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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08929820 E.I. No: EIP01446709558

**Title: The Linux-SRT integrated multimedia operating system: Bringing QoS to the desktop**

Author: Childs, S.; Ingram, D.

Corporate Source: University of Cambridge Computer Laboratory, Cambridge, United Kingdom

Conference Title: 7th Real-Time Technology and Applications Symposium (RTAS 2001)

Conference Location: Taipei, Taiwan Conference Date: 20010530-20010601

Sponsor: IEEE

E.I. Conference No.: 58620

Source: Real-Time Technology and Applications - Proceedings 2001. p 135-140

Publication Year: 2001

CODEN: PRASF5 ISSN: 1080-1812

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical)

Journal Announcement: 0111W1

Abstract: Current operating systems are being used to perform tasks for which they were not designed. Architectures conceived to provide fairness in timesharing systems are being asked to support applications needing Quality of Service (QoS) guarantees. Past research has focused on specialised multimedia operating systems; QoS features are now ready to be incorporated in mainstream operating systems, allowing existing applications to be used without modification. Appropriate user-interface features are essential if QoS is to become widely used. We present the Linux-SRT left bracket 8 right bracket system, a version of Linux enhanced with support for predictable scheduling and QoS management. It is binary compatible with standard Linux: existing applications can benefit from QoS without being modified in any way. CPU and disk bandwidth are scheduled, and scheduling policies are propagated to servers.

Automated control and management features simplify the use of advanced features. Linux-SRT has been proven in everyday use. It provides an integrated system approach to QoS for multiple devices, from low-level scheduling to high-level user tools. 17 Refs.

Descriptors: \*Multimedia systems; Computer operating systems; User interfaces; Bandwidth; Scheduling; Quality of service; Real time systems

Identifiers: Timesharing systems

Classification Codes:

723.5 (Computer Applications); 722.2 (Computer Peripheral Equipment); 716.1 (Information & Communication Theory); 912.2 (Management); 722.4 (Digital Computers & Systems)

723 (Computer Software, Data Handling & Applications); 722 (Computer Hardware); 716 (Electronic Equipment, Radar, Radio & Television); 912 (Industrial Engineering & Management)

72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATION ENGINEERING); 91 (ENGINEERING MANAGEMENT)

...Abstract: if QoS is to become widely used. We present the Linux-SRT

left bracket 8 right bracket system, a version of Linux **enhanced** with support for **predictable** scheduling and QoS management. It is binary compatible with standard Linux: existing applications can benefit...

...any way. CPU and disk bandwidth are scheduled, and scheduling policies are propagated to servers. **Automated** control and **management** features simplify the use of advanced features. Linux-SRT has been proven in everyday use...

**13/5,K/2 (Item 2 from file: 8)**

DIALOG(R)File 8: Ei Compendex(R)

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06684803 E.I. No: EIP93081047344

**Title: Application of neural networking models to predict energy use**

Author: Anstett, M.; Kreider, J.F.

Corporate Source: Univ of Colorado, Boulder, CO, USA

Conference Title: Proceedings of the 1993 Winter Meeting of ASHRAE

Transactions. Part 1

Conference Location: Chicago, IL, USA Conference Date:

19930123-19930127

E.I. Conference No.: 18810

Source: ASHRAE Transactions v 99 pt 1 1993. Publ by ASHRAE, Atlanta, GA, USA. p 505-517

Publication Year: 1993

CODEN: ASHTAG ISSN: 0001-2505

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); G; (General Review); T; (Theoretical)

Journal Announcement: 9310W1

**Abstract:** This paper discusses the application of an artificial neural network model to predict energy use in a complex institutional building without the need for a data acquisition system. A neural network has been applied to daily data collected manually by building personnel. A previously developed energy management system used linear regression and other statistical measures to develop formulas to predict the energy use for the building. The predictions and actual consumption are compared to determine whether any discrepancies exist. Discrepancies between the predicted and observed energy use are investigated to determine whether they are due to unusual weather conditions, fluctuations in building use, malfunctioning systems, or other causes. The motivations for incorporating neural networks into this system are twofold. First is the desire to **improve the predictive** performance of the system. With more **accurate** predictions, problems with the building's energy system can be diagnosed and corrected in a timely fashion. Neural networks can be developed that automatically update their learned knowledge over time. This provides adaptability to changes in the building's use and energy plant **configuration**. This **automatic** learning facility would reduce the amount of expert time required to analyze, build, and modify predictors of energy use. This paper addresses the predictive performance issue. A comparison of the predictive ability of a neural network and a traditional statistical approach is presented. Neural network application issues are discussed along with results. (Author abstract) Refs.

Descriptors: \*Neural networks; Buildings; Energy management; Data acquisition; Learning systems; Mathematical models; Regression analysis



Identifiers: Building energy use; Energy monitoring system

Classification Codes:

723.4 (Artificial Intelligence); 723.2 (Data Processing)

723 (Computer Software); 402 (Buildings & Towers); 525 (Energy Management); 921 (Applied Mathematics); 922 (Statistical Methods)

72 (COMPUTERS & DATA PROCESSING); 52 (FUEL TECHNOLOGY); 92 (ENGINEERING MATHEMATICS)

...Abstract: motivations for incorporating neural networks into this system are twofold. First is the desire to **improve the predictive** performance of the system. With more accurate predictions, problems with the building's energy system can be diagnosed and corrected in a...

...over time. This provides adaptability to changes in the building's use and energy plant **configuration**. This **automatic** learning facility would reduce the amount of expert time required to analyze, build, and modify...

13/5,K/3 (Item 3 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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04166382 E.I. Monthly No: EI8212107000 E.I. Yearly No: EI82032946

**Title: NEW FFT-BASED DIGITAL FREQUENCY RELAY FOR LOAD SHEDDING.**

Author: Girgis, Adly A.; Ham, Fredric M.

Corporate Source: Iowa State Univ, Ames, USA

Source: IEEE Transactions on Power Apparatus and Systems v PAS-101 n 2 Feb 1982 p 433-439

Publication Year: 1982

CODEN: IEPSA9 ISSN: 0018-9510

Language: ENGLISH

Journal Announcement: 8212

Abstract: A power system disturbance, or operating abnormality, can produce a severe generation and load imbalance, resulting in a rapid frequency decline. The possibility of such a disturbance has led to increased interest in the application of **automatic** underfrequency **protection** schemes to restore load/generation balance and to prevent equipment damage. A new method for detecting changes in the power system frequency, by relating it to a leakage coefficient in the FFT (Fast Fourier Transform), is presented. The algorithm computes the deviation of the power system frequency from the fundamental component and the best estimate of its rate of **change**. The algorithm then **predicts** the percentage generation and load imbalance, and finally trips the **appropriate** amounts of load at the appropriate time delays. 12 refs.

Descriptors: \*ELECTRIC POWER SYSTEMS--\*Load Shedding; RELAY PROTECTION--Design; MATHEMATICAL TRANSFORMATIONS--Fast Fourier Transforms; COMPUTER PROGRAMMING--Subroutines

Identifiers: UNDER-FREQUENCY PROTECTION

Classification Codes:

706 (Electric Transmission & Distribution); 704 (Electric Components & Equipment); 914 (Safety Engineering); 921 (Applied Mathematics); 723 (Computer Software)

70 (ELECTRICAL ENGINEERING); 91 (ENGINEERING MANAGEMENT); 92 (ENGINEERING MATHEMATICS); 72 (COMPUTERS & DATA PROCESSING)

...Abstract: The possibility of such a disturbance has led to increased

interest in the application of **automatic** underfrequency **protection** schemes to restore load/generation balance and to prevent equipment damage. A new method for...

...power system frequency from the fundamental component and the best estimate of its rate of **change**. The algorithm then **predicts** the percentage generation and load imbalance, and finally trips the **appropriate** amounts of load at the appropriate time delays. 12 refs.

**13/5,K/5 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

01170707 INSPEC Abstract Number: C70017929

**Title: Telemetry monitor buys 'decision time' for operators**

Journal: Electrical World vol.173, no.18 p.48

Publication Date: 4 May 1970 Country of Publication: USA

CODEN: ELWOA3 ISSN: 0013-4457

Language: English Document Type: Journal Paper (JP)

Abstract: An **automatic** transmission line **monitor** which virtually eliminates operator errors and resultant system outages. is described. The system, a mating of Telemetry control unit and a minicomputer, makes routine checks of the entire electrical transmission system, while freeing dispatchers and operators to focus all their attention on critical situations. This increases the time available for planning **anticipated** system **changes** and taking **corrective** actions in emergency situations.

Subfile: C

Descriptors: distribution networks; electrical engineering applications of computers; telecontrol equipment; telemetry equipment

Class Codes: C3250 (Telecontrol and telemetry components); C7410B (Power engineering)

Abstract: An **automatic** transmission line **monitor** which virtually eliminates operator errors and resultant system outages. is described. The system, a mating...

... to focus all their attention on critical situations. This increases the time available for planning **anticipated** system **changes** and taking **corrective** actions in emergency situations.

**13/5,K/8 (Item 1 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2007 The Thomson Corp. All rts. reserv.

08890060 Genuine Article#: 340QV Number of References: 10

**Title: Effect of regression approach in the estimation of nonlinear model parameters on process design and simulation: applications to kinetic and thermodynamic models**

Author(s): Xin Y (REPRINT) ; Vasquez VR; Whiting WB

Corporate Source: UNIV NEVADA,DIV CHEM ENGN/RENO/NV/89557 (REPRINT)

Journal: COMPUTERS & CHEMICAL ENGINEERING, 2000, V24, N2-7 (JUL 15), P 1269-1274

ISSN: 0098-1354 Publication date: 20000715

Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
KIDLINGTON, OXFORD OX5 1GB, ENGLAND

Language: English Document Type: ARTICLE

Geographic Location: USA

Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology

Journal Subject Category: ENGINEERING, CHEMICAL; COMPUTER SCIENCE,  
INTERDISCIPLINARY APPLICATIONS

**Abstract:** An inside-variance estimation method (IVEM) for regression of the kinetic parameters in kinetic models and binary interaction parameters in thermodynamic models is proposed. This maximum likelihood method involves the re-computation of the variance for each iteration of the **optimization** procedure, **automatically** re-weighting the objective function. Once the objective function is selected, most regression strategies consist of weighting the objective function by pre-selected values, usually based on experimental error estimates (i.e. standard deviation), converting the problem into a traditional weighted least squares minimization. A problem with the traditional approach is that the experimental error estimation from the maximum-likelihood regression cannot be unbiased, without using replicates. Thus, the use of experimental variances to weight the objective function does not necessarily produce optimum parameters for prediction purposes, even if the values obtained represent the global minima of the objective function. The new method substantially **improves** the model **predictions** when compared with traditional least square regression methods. (C) 2000 Elsevier Science Ltd. All **rights** reserved.

**Descriptors--Author Keywords:** nonlinear regression ; statistical methods ; thermodynamics ; liquid-liquid equilibria ; objective functions ; kinetics parameters ; maximum likelihood

**Cited References:**

ANDERSON TF, 1978, V24, P20, AICHE J  
ATLALY S, 1987, V26, P2212, IND ENG CHEM RES  
KIM IW, 1990, V36, P985, AICHE J  
NOVAK JP, 1987, LIQUID LIQUID EQUILI  
PAUSNITZ JN, 1987, PROPERTIES GASES LIQ  
RADICE FC, 1975, V20, P371, J CHEM ENG DATA  
SORENSEN JM, 1979, V3, P47, FLUID PHASE EQUILIBR  
SORENSEN JM, 1980, LIQUID LIQUID EQUILI  
VASQUEZ VR, 2000, IN PRESS FLUID PHASE  
VASQUEZ VR, 1999, THESIS U NEVADA RENO

...**Abstract:** maximum likelihood method involves the re-computation of the variance for each iteration of the **optimization** procedure, **automatically** re-weighting the objective function. Once the objective function is selected, most regression strategies consist...

...the values obtained represent the global minima of the objective function. The new method substantially **improves** the model **predictions** when compared with traditional least square regression methods. (C) 2000 Elsevier Science Ltd. All **rights** reserved.

13/5,K/11 (Item 1 from file: 266)

DIALOG(R)File 266:FEDRIP

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00517734

IDENTIFYING NO.: 0182182 AGENCY CODE: AGRIC

**Developing Decision Support Systems Using Computational Intelligence and Operations Research**

ASSOCIATE INVESTIGATORS: McClendon, R. W.

PERFORMING ORG.: UNIVERSITY OF GEORGIA, BIOLOGICAL & AGR ENGINEERING, ATHENS, GEORGIA 30602

TYPE OF AWARD: HATCH |c H

SUMMARY: Increase the efficiency and profitability of agricultural and biological related industries through the development of Decision Support Systems (DSSs) incorporating Computational Intelligence (CI) and operations research. Most of these projects will be cooperative efforts with Biological and Agricultural Engineering faculty and other CAES faculty in which the cooperator will serve as the domain expert and Dr. McClendon will provide expertise in CI and operations research. The focus of this project is to adapt and apply existing artificial intelligence and systems analysis techniques to develop DSSs. 1) Apply artificial intelligence techniques for error detection, error analysis,

and trend analysis to the daily weather data system of the Georgia **Automated Environmental Monitoring Network**. 2) Develop CI and operations research models to estimate irrigation water use and create DSSs to aid farmers in making irrigation decisions within constraints of water use limitations. 3) Develop CI models to predict the behavior of bioconversion systems and DSSs for use in site selection of waste handling facilities. 4) Develop DSSs which incorporate various CI techniques to aid in controlling the production of biotechnologically-based materials. 5) Develop DSSs which incorporate various CI techniques to assist in the interpretation of the results of

nondestructive testing for the quality classification of agricultural products. PR detrimental impact on fruits and vegetables. Flowers on blueberry bushes and peach trees can be permanently damaged and young vegetable plants can be frozen during these late frosts, causing, in some cases, a permanent loss in production. Growers and producers have several options for freeze protection, including irrigation and wind machines. However, critical for implementing frost and freeze protection is **accurate** and **timely weather forecasts**. Recent **changes** in the federal law prohibit the National Weather Service from providing agricultural-specific weather forecasts. The University of Georgia,

therefore, has explored the use of artificial intelligence techniques to predict temperature based on local temperature, relative humidity and other weather information. The College of Agricultural and Environmental Sciences of the University of Georgia currently operates a network of automated weather stations that are located across the state of Georgia. These weather stations have been sited in regions where agriculture is the dominant economic sector. Each **automated station monitors** local weather conditions, including air temperature, relative humidity, dewpoint, wind speed and direction, solar radiation, precipitation, and other variables. The weather data are transmitted to

a computer in Griffin and then disseminated via the world wide web at [www.Georgiaweather.net](http://www.Georgiaweather.net). Current weather conditions are updated at least

hourly. Based on the historical weather data that have been collected for each site, neural network models have been developed that can predict temperature for up to 12 hours. An artificial neural network is a complex computer model that emulates the operation of neurons in the human brain. An ANN can determine relationships between complex data structures and based on past experience, can predict what will happen in the future. In this implementation the ANN model is provided with the current weather conditions, as well as with the conditions during

the previous eight hours to predict the temperature for up to 12 hours. The average prediction error was 1.0°F for the one-hour model and 4.5 °F for the 12-hour model. A graphical user interface has been developed to display both the current weather conditions as well as the predicted temperatures for each site where an automated weather station is operational. Further research is being conducted to refine the use of neural network and other artificial intelligence techniques for temperature prediction. PB

PROGRESS REPORT SUMMARY: Liang, C., K.C. Das and R.W. McClendon. 2003.

The Influence of Temperature and Moisture Content Regimes on the Aerobic Microbial Activity of a Biosolids Composting Blend. Bioresource Technology 86(2):131-137 Li, B., R.W. McClendon, G. Hoogenboom. 2004. Spatial Interpolation of Weather Variables for Single Locations using Artificial Neural Networks. Transactions of the ASAE 47(2):629-637.

Ashish, D., G. Hoogenboom, and R.W. McClendon. 2004. Land-use Classification of Gray-scale Aerial Images using Probabilistic Neural Networks, Transactions of the ASAE 47(5) (In Press)

DESCRIPTORS: weather; decision making; water use efficiency; computer programs; algorithms; expert systems; cooperative research; computer software; systems analysis; trends; weather forecasting; models; irrigation water; biotechnology; non destructive tests; agricultural commodities; quality evaluation; waste conversion; artificial intelligence

...SUMMARY: detection, error analysis, and trend analysis to the daily weather data system of the Georgia Automated Environmental Monitoring Network. 2) Develop CI and operations research models to estimate irrigation water use and create...

... protection, including irrigation and wind machines. However, critical for implementing frost and freeze protection is **accurate** and timely weather **forecasts**. Recent **changes** in the federal law prohibit the National Weather Service from providing agricultural-specific weather forecasts...

... weather stations have been sited in regions where agriculture is the dominant economic sector. Each **automated** station **monitors** local weather conditions, including air temperature, relative humidity, dewpoint, wind speed and direction, solar radiation...

13/5,K/12 (Item 1 from file: 56)

DIALOG(R)File 56:Computer and Information Systems Abstracts  
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0000570035 IP ACCESSION NO: 200611-31-144415

Frame memory

March, Salvatore T; Severance, Dennis G; Wilens, Michael

ACM Transactions on Database Systems, v 6, n 3, p 441-463, Sept. 1981  
PUBLICATION DATE: 1981

PUBLISHER: Association for Computing Machinery, Inc., One Astor Plaza, 1515  
Broadway, New York, NY, 10036-5701

COUNTRY OF PUBLICATION: USA

PUBLISHER URL: <http://www.acm.org/>

PUBLISHER EMAIL: SIGS@acm.org

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

ISSN: 0362-5915

DOI: <http://doi.acm.org/10.1145/319587.319598>

FILE SEGMENT: Computer & Information Systems Abstracts

ABSTRACT:

Frame memory is a virtual view of secondary storage that can be implemented with reasonable overhead to support database record storage and accessing requirements. Frame memory is designed so that its operating characteristics can be easily manipulated by either designers or design algorithms, while performance effects of such **changes** can be **accurately predicted**. Automated design procedures exist to generate and evaluate alternative database designs built upon frame memory, and the existence of these procedures establishes frames as an attractive memory management architecture for future database management systems.

DESCRIPTORS: Databases; Frames; Design engineering; Algorithms; Virtual memory systems; Memory management; Architecture; Data base **management** systems; **Automated**

SUBJ CATG: 31, Database Design and Management

ABSTRACT:

... can be easily manipulated by either designers or design algorithms, while performance effects of such **changes** can be **accurately predicted**. Automated design procedures exist to generate and evaluate alternative database designs built upon frame memory...

DESCRIPTORS: Databases; Frames; Design engineering; Algorithms; Virtual memory systems; Memory management; Architecture; Data base **management** systems; **Automated**

22/5,K/1 (Item 1 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

(c) 2007 Elsevier Eng. Info. Inc. All rts. reserv.

08369252 E.I. No: EIP99094800259

**Title: Research on linear motor and its control for high response frequency and precision displacement**

Author: Deng, Zhongliang

Corporate Source: Beijing Univ of Posts & Telecommunications, Beijing, China

Source: Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering v 19 n 2 1999. p 41-46

Publication Year: 1999

CODEN: ZDGXER ISSN: 0258-8013

Language: Chinese

Document Type: JA; (Journal Article) Treatment: A; (Applications); T; (Theoretical)

Journal Announcement: 9911W1

Abstract: A basic structure scheme of high response frequency and precision displacement linear motor was introduced. The analysis and computation technology of air gap field of radial magnetic circuit designed with material NdFeB and a supporting structure scheme for precise linear motor were investigated. A **self - optimized** numerical PID **correction** control method was **proposed** and the corresponding control system model was established. The experiments show that the said structure scheme of linear motor is advantageous to achieve a high response frequency and displacement accuracy. It has a bright future in the field of error compensation of displacement and microfeed. (Edited author abstract) 5 Refs.

Descriptors: \*Linear motors; Electric traction; Moving; Magnetic circuits ; Control systems; Integrated control

Identifiers: High response frequency motors; Precision displacement motors

Classification Codes:

705.3 (Electric Motors); 701.2 (Magnetism: Basic Concepts & Phenomena); 731.1 (Control Systems)

705 (Electric Generators & Motors); 701 (Electricity & Magnetism); 731 (Automatic Control Principles)

70 (ELECTRICAL ENGINEERING); 73 (CONTROL ENGINEERING)

...Abstract: with material NdFeB and a supporting structure scheme for precise linear motor were investigated. A **self - optimized** numerical PID **correction** control method was **proposed** and the corresponding control system model was established. The experiments show that the said structure ...

22/5,K/2 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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07126543 E.I. No: EIP95012536089

**Title: Improved beat-to-beat timing measurements of his-bundle signal**

Author: LeBlanc, A.-R.; Mokrane, A.

Corporate Source: Univ de Montreal, Montreal, Que, Can

Source: IEEE Transactions on Biomedical Engineering v 41 n 12 Dec 1994. p 1168-1177

Publication Year: 1994

CODEN: IEBEAX ISSN: 0018-9294

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 9506W1

Abstract: A simplified bioelectric model of the atrioventricular (AV) junction is proposed to better understand the underlying biophysical generation of intracardiac His-bundle signal and to analyze the effects of electrocatheter displacements on waveform morphology and estimation of AV node conduction time (AVCT). Based on this model, an inverse problem approach has been developed to estimate electrode displacements occurring in real recordings. A measurement **correction** method is **proposed to improve** estimation of AVCT. Results illustrate **autonomic** influences on AVCT, a phenomenon hardly measured with common techniques. (Author

abstract) 16 Refs.

Descriptors: \*Bioelectric phenomena; Mathematical models; Estimation; Catheters; Electrodes; Waveform analysis; Morphology; Inverse problems; Spectrum analysis; Statistical methods

Identifiers: Atrioventricular junction; Intracardiac His bundle signal; Bioelectric model; Beat to beat timing measurement; Measurement correction method; Node conduction time

Classification Codes:

701.1 (Electricity: Basic Concepts & Phenomena); 461.1 (Biomedical Engineering); 921.6 (Numerical Methods); 462.1 (Biomedical Equipment, General); 704.1 (Electric Components); 922.2 (Mathematical Statistics)

701 (Electricity & Magnetism); 461 (Biotechnology); 921 (Applied Mathematics); 462 (Medical Engineering & Equipment); 704 (Electric Components & Equipment); 922 (Statistical Methods)

70 (ELECTRICAL ENGINEERING); 46 (BIOENGINEERING); 92 (ENGINEERING MATHEMATICS)

...Abstract: problem approach has been developed to estimate electrode displacements occurring in real recordings. A measurement **correction** method is **proposed** to **improve** estimation of AVCT. Results illustrate **autonomic** influences on AVCT, a phenomenon hardly measured with common techniques. (Author abstract) 16 Refs.

22/5,K/4 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

08189235 INSPEC Abstract Number: B2002-03-8110B-087, C2002-03-7165-012

**Title: SGO: management information system for strategic bidding in electrical markets**

Author(s): Villar, J.; Munoz, A.; Sanchez-Ubeda, E.F.; Mateo, A.; Casado, M.; Campos, A.; Mate, J.; Centeno, E.; Rubio, S.; Marcos, J.J.; Gonzalez, R.

Author Affiliation: Instituto de Investigacion Tecnologica, Univ. Pontificia Comillas, Madrid, Spain

Conference Title: 2001 IEEE Porto Power Tech Proceedings (Cat. No.01EX502) Part vol.1 p.6 pp. vol.1

Editor(s): Saraiva, J.T.; Matos, M.A.

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2001 Country of Publication: USA 4 vol.(532+538+512+432) pp.

ISBN: 0 7803 7139 9 Material Identity Number: XX-2001-00664

U.S. Copyright Clearance Center Code: 0-7803-7139-9/01/\$10.00

Conference Title: Proceedings of 2001 Power Tech

Conference Sponsor: Grupo EDP; IEEE; REN; ABB; ERSE; Grupo Quintas; Unicer

Conference Date: 10-13 Sept. 2001 Conference Location: Porto, Portugal

Medium: Also available on CD-ROM in PDF format

Language: English Document Type: Conference Paper (PA)

Treatment: Economic aspects (E); Practical (P)

Abstract: This paper describes SGO, a management information system for bidding in deregulated electricity markets, developed for the Spanish case. SGO has a client-server architecture and consists of a set of integrated cooperative and flexible software tools for assisting the users during the whole bidding process: resources identification, bids generation, market



performance characterisation, bidding strategy analysis and optimisation, generation of markets results reports and **automatic performance monitoring for suggesting on-line corrective actions**. (15 Refs)

Subfile: B C

Descriptors: client-server systems; electricity supply industry; management information systems; power system economics

Identifiers: SGO; management information system; deregulated electricity markets; strategic bidding; client-server architecture; integrated cooperative software tools; resources identification; bids generation; market performance characterisation; bidding strategy analysis; optimisation generation; automatic performance monitoring; on-line corrective actions suggestion; Spanish electricity market; data mining; integrated flexible software tools

Class Codes: B8110B (Power system management, operation and economics); B6210L (Computer communications); C7165 (Public utility administration); C5620 (Computer networks and techniques)

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...Abstract: generation, market performance characterisation, bidding strategy analysis and optimisation, generation of markets results reports and **automatic performance monitoring for suggesting on-line corrective actions**.

**22/5,K/5 (Item 2 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

08004440 INSPEC Abstract Number: A2001-18-2843-006

**Title: An automatic optimal fuel management method for CANDU 6 reactors**

Author(s): Chang Joon Jeong; Nam Zin Cho; Hangbok Choi

Author Affiliation: Korea Adv. Inst. of Sci. & Technol., Seoul, South Korea

Journal: Transactions of the American Nuclear Society Conference Title: Trans. Am. Nucl. Soc. (USA) vol.84 p.207-8

Publisher: ANS,

Publication Date: 2000 Country of Publication: USA

CODEN: TANSOA ISSN: 0003-018X

SICI: 0003-018X(2000)84L:207:AOFM;1-0

Material Identity Number: T064-2001-001

Conference Title: 2001 Annual Meeting of American Nuclear Society,

Conference Date: 17-21 June 2001 Conference Location: Milwaukee, WI, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: In a Canada deuterium uranium (CANDU) reactor, the refueling channels are selected daily to provide excess reactivity to the core and maintain the reference core characteristics that were already optimized for the long-term operation of the power plant. Therefore, it is important to **appropriately** select the refueling channels. In this study, an **automatic optimal fuel management (OPTIMA)** method is **proposed** that can **improve** drawbacks of the current automatic refueling simulation method. Optimization and automation are performed such that the reference zone power distribution is maintained during the refueling simulation conducted by the current RFSP CANDU design and analysis code. (3 Refs)

Subfile: A

Descriptors: fission reactor core control; fission reactor fuel; fission reactor physics

Identifiers: CANDU 6; optimal fuel management method; automatic optimal fuel management; OPTIMA; reference zone power distribution

Class Codes: A2843D (Core control and guidance in fission reactors); A2850F (Fast reactors); A2841E (Fission reactor theory and physics); A2842D (Fission reactor fuel elements)

Copyright 2001, IEE

...Abstract: optimized for the long-term operation of the power plant. Therefore, it is important to **appropriately** select the refueling channels. In this study, an **automatic** optimal fuel **management** (OPTIMA) method is **proposed** that can **improve** drawbacks of the current automatic refueling simulation method. Optimization and automation are performed such that...

22/5,K/6 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

0000693813 INSPEC Abstract Number: 1964B11197

Title: **Operative memory-equipment with automatic monitoring**

Author(s): Koltypin, I.S.; Ul'yanova, E.K.

Journal: Elektrotehnika 6 p.51-53

Publication Date: June 1964 Country of Publication: USSR

Language: Russian Document Type: Journal Paper (JP)

Abstract: Examines problems involved in the construction of a reliable memory store based on ferrite cores, for use in control equipment. The authors consider methods of **automatically monitoring and correcting** errors during operation, favouring the error detecting and **correcting** codes **proposed** by Hamming.

Subfile: B C

Descriptors: automatic control applications; ferrite devices; storage devices

Identifiers: automatic control -- applications; magnetic materials -- ferrites, applications; memory devices

Class Codes: B1265 (Digital electronics); C3000 (Control technology)

Copyright 2004, IEE

...Abstract: store based on ferrite cores, for use in control equipment. The authors consider methods of **automatically monitoring and correcting** errors during operation, favouring the error detecting and **correcting** codes **proposed** by Hamming.

22/5,K/7 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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11925723 PASCAL No.: 95-0099375

**Improved beattot-beat timing measurements of his-bundle signal**

LEBLANC A R; MOKRANE A

Univ. Montreal, fac. medicine, ecole polytech., Montreal PQ H3C 3J7, Canada

Journal: IEEE transactions on biomedical engineering, 1994, 41 (12)  
1168-1177

ISSN: 0018-9294 CODEN: IEBEAX Availability: INIST-222E5;  
354000058002070070

No. of Refs.: 16 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: USA

Language: English

A simplified bioelectric model of the atrioventricular (AV) junction is proposed to better understand the underlying biophysical generation of intracardiac His-bundle signal and to analyze the effects of electrocatheter displacements on waveform morphology and estimation of AV node conduction time (AVCT). Based on this model, an inverse problem approach has been developed to estimate electrode displacements occurring in real recordings. A measurement **correction** method is **proposed to improve** estimation of AVCT. Results illustrate **autonomic** influences on AVCT, a phenomenon hardly measured with common techniques

English Descriptors: Electrical model; Atrioventricular node; Conduction velocity; Beat frequency; Timing; His bundle; Signal analysis

French Descriptors: Modele electrique; Noeud auriculoventriculaire; Vitesse conduction; Frequence battement; Timing; Faisceau His; Analyse signal

Classification Codes: 002A22C

... problem approach has been developed to estimate electrode displacements occurring in real recordings. A measurement **correction** method is **proposed to improve** estimation of AVCT. Results illustrate **autonomic** influences on AVCT, a phenomenon hardly measured with common techniques

**22/5,K/8 (Item 1 from file: 256)**

DIALOG(R)File 256:TecInfoSource

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00148046 DOCUMENT TYPE: Review

**PRODUCT NAMES: SiteScape Enterprise Forum (058009)**

**TITLE: Navy sails with SiteScape: Software aids collaboration, automates...**

**AUTHOR:** Jackson, Joab

**SOURCE:** Washington Technology, v18 n4 p22(2) May 26, 2003

**ISSN:** 1058-9163

**HOME PAGE:** <http://www.washingtontechnology.com>

**FILE SEGMENT:** Review

**RECORD TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

SiteScape's SiteScape Enterprise Forum is used by the Tactical Information Technology Integration Program to automate a workflow system for large U.S. Navy programs. The Navy integration office allows many agency offices,

integrators, and subcontractors to collaborate on larger programs. When workflow for a project is plotted, the progress of many tasks has to be tracked, and delays have to be pinpointed. SiteScape Enterprise Forum automates workflow, and if a change has to be made to a specific set of project tasks, it is automatically routed to the appropriate people for review. Managers obtain faster updates on program status and can be sure that project tasks are getting the attention needed. The program office can support over 3,000 users with only three technical support staff and four help desk support staff. SiteScape Enterprise Forum blends document management tools with such tools as team scheduling, chat, threaded discussion, and **automated workflow management**. SiteScape can smooth workflow, directs changes through the **correct** personnel automatically, and if, for instance, an engineering change **proposal** is submitted, the **correct** people are alerted to review and sign off. Each person has a deadline. If a responsible party does not respond, a reminder is sent or a supervisor is notified.

COMPANY NAME: SiteScape Inc (689351)

SPECIAL FEATURE: Charts Screen Layouts

DESCRIPTORS: Conferencing; Government; Government Contractors; Intranets; Project Management; Workflow

REVISION DATE: 20031030

...Forum blends document management tools with such tools as team scheduling, chat, threaded discussion, and **automated workflow management**. SiteScape can smooth workflow, directs changes through the **correct** personnel automatically, and if, for instance, an engineering change **proposal** is submitted, the **correct** people are alerted to review and sign off. Each person has a deadline. If a...

**31/3,K/3 (Item 3 from file: 8)**

DIALOG(R)File 8:EI Compendex(R)

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07591232 E.I. No: EIP97013486492

**Title: Process synchronization in Workflow Management Systems**

Author: Alonso, G.; Agrawal, D.; El Abbadi, A.

Corporate Source: Inst for Information Systems, Zurich, Switz

Conference Title: Proceedings of the 1996 8th IEEE Symposium on Parallel and Distributed Processing

Conference Location: New Orleans, LA, USA Conference Date: 19961023-19961026

E.I. Conference No.: 45782

Source: IEEE Symposium on Parallel and Distributed Processing - Proceedings 1996. IEEE, Los Alamitos, CA, USA,96TB100088. p 581-588

Publication Year: 1996

CODEN: PSPDF8 ISSN: 1063-6374

Language: English

**Title: Process synchronization in Workflow Management Systems**

Abstract: Workflow Management Systems **automate** the execution of business processes allowing the concurrent execution of multiple process instances. Existing systems do not provide a mechanism to guarantee **correct** concurrent execution and, as a result, it is not possible to coordinate and synchronize different...

...In operating systems, this is achieved using semaphores or monitors.

Neither of these approaches is **appropriate** for workflow applications. In

this paper a method is **proposed** to enforce **correct** interleavings and guarantee mutual exclusion, as defined by the user, between concurrent workflow processes. The...

Identifiers: Workflow **management** systems

**31/3,K/4 (Item 4 from file: 8)**

DIALOG(R)File 8: Ei Compendex(R)

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07449960 E.I. No: EIP96073249580

**Title: Modified tree structure for location management in mobile environments**

Author: Dolev, Shlomi; Pradhan, Dhiraj K.; Welch, Jennifer L.

Corporate Source: Ben-Gurion Univ, Beer-Sheva, Isr

Source: Computer Communications v 19 n 4 Apr 1996. p 335-345

Publication Year: 1996

CODEN: COCOD7 ISSN: 0140-3664

Language: English

**Abstract:** In this paper we suggest a new data structure for location **management** in mobile **networks**. The data structure is based on the tree location database structure. We **suggest replacing** the root and some of the higher levels of the tree with another structure that...

...also suggest modifying the lowest level of the tree to reflect neighbouring geographical regions more **accurately**, and to support simple location data management. The modification of the lowest level also supports simple handoffs. The **update** of the **proposed** location database ensures **correct** location data following any number of transient faults that corrupt the location database information, and...

Identifiers: Location **management**; Distributed algorithms; **Self** stabilization; Handoff **management**

**31/3,K/5 (Item 5 from file: 8)**

DIALOG(R)File 8: Ei Compendex(R)

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06867010 E.I. No: EIP94051292721

**Title: Safe and leakproof resource management using Ada83 limited types**

Author: Baker, Henry G.

Corporate Source: Nimble Computer Corp, Encino, CA, USA

Source: Ada Letters v 13 n 5 Sep-Oct 1993. p 32-42

Publication Year: 1993

CODEN: AALEE5 ISSN: 0736-721X

Language: English

**Abstract:** Safe, leakproof and **automatic** resource **managers** are essential to the implementation of every embedded system, yet the standard examples of Ada83...

...for single-point system failures. Nevertheless, it is possible to construct a safe, leakproof and **automatic** resource **manager** - at least for **systems** with only a single task - by a careful combination of certain features of Ada83, and...

...package. The same techniques also work for an arbitrary precision arithmetic package left bracket Fisher83 **right** bracket and for managing the 'roots' of a real-time garbage-collected heap left bracket Baker78 **right** bracket left bracket Baker91SP **right** bracket left bracket Baker92Tread **right** bracket. **Suggestions** are offered to **improve** the use of limited private types in Ada9X for automatic, safe and leakproof resource management...

...Descriptors: computer); Computer system recovery; Computer operating systems; Computer systems programming; Supervisory and executive programs; Information **management** ; Real time **systems** ; Interfaces (computer)

Identifiers: Resource **management** ; Embedded **system** ; Resource allocation; Single point system failures; Deallocation; **Automatic** resource **manager** ; Arbitrary precision arithmetic package; Real time garbage collected heap; System failure; Data collection

31/3,K/6 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01694908 ORDER NO: AAD99-21765

## **A HIERARCHICAL FILTERING-BASED MONITORING ARCHITECTURE FOR LARGE-SCALE**

### **DISTRIBUTED SYSTEMS (SCALABLE ARCHITECTURES)**

Author: AL-SHAER, EHAB SALEM

Degree: PH.D.

Year: 1998

Corporate Source/Institution: OLD DOMINION UNIVERSITY (0418)

Source: VOLUME 60/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1155. 210 PAGES

...interaction with external objects (e.g. users or processes). These events must be monitored to **accurately** determine the run-time behavior of an LSD system and to obtain status information that...

...The resulting architecture detects and classifies interesting primitive and composite events and performs either a **corrective** or steering action. When **appropriate**, information is disseminated to management applications, such as reactive control and debugging tools.

The monitoring...

...an adaptable configuration that accommodates environmental changes, and a programmable environment that facilitates development of **self**-directed **monitoring** tasks. Increased *flexibility* is achieved through a declarative and comprehensive monitoring language, a simple code instrumentation process, and **automated monitoring** administration. These elements substantially relieve the burden imposed by using on-line distributed monitoring systems. In addition, the monitoring **system** provides techniques to **manage** the trade-offs between various monitoring objectives.

The **proposed** solution offers **improvements** over related works by presenting a comprehensive architecture that considers the requirements and implied objectives...

**31/3,K/7 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

07637123 INSPEC Abstract Number: C2000-08-7140-021

**Title: Hospital data management at the University of Graz Eye Hospital**

Author(s): Zenz, H.; Faulborn, J.; Faschinger, C.

Author Affiliation: Augenklinik Univ., Graz, Austria

Journal: Biomedizinische Technik vol.45, no.5 p.126-30

Publisher: Fachverlag Schiele & Schon,

Publication Date: May 2000 Country of Publication: Germany

CODEN: BMZTA7 ISSN: 0013-5585

SICI: 0013-5585(200005)45:5L:126:HDMU;1-4

Material Identity Number: B117-2000-005

Language: German

Subfile: C

Copyright 2000, IEE

...Abstract: the documentation of patient data and services provided. The starting point of the hospital data **management system** was the surgical documentation system. This made it possible for the patient to be transferred...

... current version has been in use since 1996. The main features of our hospital data **management system** are **automated** coding of medical services provided in the diagnostic, surgical and out-patient areas, and guaranteed...

...via automation. In our case, this means not only that the available data are always **correct** (up to date), but also that there is wide acceptance of and reliance on these...

... Since the system is an in-house development, it is possible to react rapidly to **suggestions** for **improvements** and to eliminate possible errors immediately. The hospital data **management system** of the Eye Hospital at the University of Graz is a well-functioning example that...

Identifiers: hospital data **management system** ;

**31/3,K/8 (Item 1 from file: 6)**

DIALOG(R)File 6:NTIS

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1878359 NTIS Accession Number: N95-24134/5

**Architecture and Evolution of Goddard Space Flight Center Distributed Active Archive Center**

Bedet, J. ; Bodden, L. ; Rosen, W. ; Sherman, M. ; Pease, P.

National Aeronautics and Space Administration, Greenbelt, MD. Goddard Space Flight Center.

Corp. Source Codes: 013129001; NC999967

Mar 94 21p

Languages: English

Journal Announcement: GRAI9515; STAR3307

In Its Fourth NASA Goddard Conference on Mass Storage Systems and Technologies p 323-343.

NTIS Prices: (Order as N95-24108, PC A17/MF A04)

... task. One of the critical components of this system is Unitree, the Hierarchical File Storage **Management System**. Unitree, selected two years ago as the best available solution, requires constant system administrative support...

... center, and has moderate performance. The Data Archive and Distribution System (DADS) software developed to **monitor**, **manage**, and **automate** the ingestion, archive, and distribution functions turned out to be more challenging than anticipated. Having...

... system must be fully understood to improve efficiency to improve efficiency and ensure that the **right** tools are developed. One of the lessons learned is that the operability, reliability, and performance...

... its organization. A Quality team has also been formed to identify quality issues and to **propose improvements**. The DAAC has conducted numerous tests to benchmark the performance of the system. These tests...

Descriptors: \*Data base **management systems**; \*Data bases; \*Data storage; \*Human-computer interface; \*Reliability; \*Satellite observation; Data systems; Earth sciences; Quality...

**31/3,K/9 (Item 2 from file: 6)**

DIALOG(R)File 6:NTIS

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0928141 NTIS Accession Number: SHR-0004109/XAB

**Management Information System : Systems Design**

Massachusetts Dept. of Youth Services, Boston. Office of Planning, Research and Data Processing.

Corp. Source Codes: 074326001

Nov 79 254p

Languages: English

Journal Announcement: GRAI8203

Executive Summary available from PROJECT SHARE, P.O. Box 2309, Rockville, Md. 20852 as SHR-0004109/ES.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A12/MF A01

**Management Information System : Systems Design**

... Massachusetts assessed its information needs and currently used the data system and designed a proposed **Management Information System** (MIS). The goals of DYS in developing the new system were to increase the amount...

... manually would be included in the automated design. Since the present system (a combination of **automated** and manual **management**) did not use data effectively or efficiently, many data needs went unmet, the data lacked timeliness and accuracy, and the information was redundant.

**Recommendations** for improving DYS data capabilities include reviewing existing forms and eliminating data duplication; streamlining the manual system...

Descriptors: \***Management information systems**; \*Social services;



\*Youths; Administrative support; Arrangements; Cases; Clients; Communicating; Consumers; Coordination; Core services; **Corrections** ; Delivery; Direct services; Flow control; Information **systems** ; Integration ; Interactions; Interrelationships; **Management systems** ; **Management** ; Methodology; Organizing; Referral; Services

**31/3,K/10 (Item 3 from file: 6)**

DIALOG(R)File 6:NTIS

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0848388 NTIS Accession Number: PB80-220361/XAB

**VA (Veterans Administration) Must Strengthen Management of ADP (Automated Data Processing) Resources to Serve Veterans' Needs**

(Report to the House Committee on Government Operations)

General Accounting Office, Washington, DC. Financial and General Management Studies Div.

Corp. Source Codes: 010682008

Report No.: FGMSD-80-60

16 Jul 80 53p

Languages: English

Journal Announcement: GRAI8025

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NTIS Prices: PC A04/MF A01

**VA (Veterans Administration) Must Strengthen Management of ADP (Automated Data Processing) Resources to Serve Veterans' Needs**

... effectively control the implementation of those that are approved.

Although VA is taking steps to **correct** these weaknesses, GAO **recommends** that the Congress withhold further funding for the Health Care Information System until satisfied they have been **corrected**.

Descriptors: \*Data processing; \*Management; National government; Government procurement; Information **systems** ; **Management** planning; **Systems** engineering; Acquisition; Computer programming; Hospitals

**31/3,K/11 (Item 1 from file: 266)**

DIALOG(R)File 266:FEDRIP

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00473147

IDENTIFYING NO.: 146591; 0018; 405 AGENCY CODE: VA

**Provider Perspectives on Disaster Mental Health Services: Survey 1, Oklahoma City**

PRINCIPAL INVESTIGATOR: Friedman, Matthew J., M.D., Ph.D.

PERFORMING ORG.: Department of Veterans Affairs, Medical Center White River Junction, VT

SPONSORING ORG.: Department of Veterans Affairs, Research and Development (15), 810 Vermont Ave. N.W., Washington, D.C. 20420 United States of America

DATES: 20020514

...SUMMARY: cooperation, and psychosocial support for providers.

Challenges cited were credentialing, referrals, service quality, and the **appropriateness** of basing services on a crisis counseling model. Project 2, New York City: 103 individuals spoke about preparing for disaster, responding to crisis, **managing complex systems**, training/supporting providers, and delivering/enhancing mental health services. Positive observations included the early...

... states covering 37 events felt their programs provided adequate reach and quality of service. However, **recommendations** for improved future performance included developing a systematic method of tracking/storing FEMA/SAMHSA project data; requiring...

... plans; improving training; reviewing the grant application and needs assessment processes; requiring formal mechanisms for **self-care/stress management** strategies for providers; requiring states to establish supportive fiscal/budget processes to support quick program...

**35/3,K/1 (Item 1 from file: 8)**

DIALOG(R)File 8: Ei Compendex(R)

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08112431 E.I. No: EIP98094372450

**Title: Buffer management in real-time active database systems**

Author: Datta, Anindya; Mukherjee, Sarit; Viguiet, Igor R.

Corporate Source: Univ of Arizona, Tucson, AZ, USA

Source: Journal of Systems and Software v 42 n 3 Sep 1998. p 227-246

Publication Year: 1998

CODEN: JSSODM ISSN: 0164-1212

Language: English

...Abstract: times. Such systems are envisioned as control systems for environments as diverse as process control, **network management** and **automated** financial trading. Sensors distributed throughout the system report the state of the system to the database. Unacceptable state reports typically result in **corrective** actions being triggered with deadlines. Thus RTADBSs incorporate both real-time as well as active...

Identifiers: Real time active database systems (RTADBS); Prefetching anticipatory and priority based **replacement** (PAPER)

**35/3,K/2 (Item 2 from file: 8)**

DIALOG(R)File 8: Ei Compendex(R)

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06684803 E.I. No: EIP93081047344

**Title: Application of neural networking models to predict energy use**

Author: Anstett, M.; Kreider, J.F.

Corporate Source: Univ of Colorado, Boulder, CO, USA

Conference Title: Proceedings of the 1993 Winter Meeting of ASHRAE Transactions. Part 1

Conference Location: Chicago, IL, USA Conference Date: 19930123-19930127

E.I. Conference No.: 18810

Source: ASHRAE Transactions v 99 pt 1 1993. Publ by ASHRAE, Atlanta, GA, USA. p 505-517

Publication Year: 1993

CODEN: ASHTAG ISSN: 0001-2505

Language: English

...Abstract: has been applied to daily data collected manually by building personnel. A previously developed energy **management system** used linear regression and other statistical measures to develop formulas to predict the energy use...

...motivations for incorporating neural networks into this system are twofold. First is the desire to **improve** the **predictive** performance of the system. With more **accurate** predictions, problems with the building's energy system can be diagnosed and **corrected** in a timely fashion. Neural networks can be developed that automatically update their learned knowledge over time. This provides adaptability to changes in the building's use and energy plant **configuration**. This **automatic** learning facility would reduce the amount of expert time required to analyze, build, and modify...

Descriptors: \*Neural **networks** ; Buildings; Energy **management** ; Data acquisition; Learning **systems** ; Mathematical models; Regression analysis

35/3,K/3 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

06050782 INSPEC Abstract Number: B9510-6250-088

**Title: Adaptive HF radio test results using real-time channel evaluation systems**

Author(s): Redding, C.; Weddle, D.

Author Affiliation: Inst. for Telecommun. Sci., Nat. Telecommun. & Inf. Adm., Boulder, CO, USA

Conference Title: 1994 IEEE MILCOM. Conference Record (Cat. No.94CH34009) Part vol.3 p.890-4 vol.3

Publisher: IEEE, New York, NY, USA

Publication Date: 1994 Country of Publication: USA 3 vol. xxxix+1052 pp.

ISBN: 0 7803 1828 5

U.S. Copyright Clearance Center Code: 0 7803 1828 5/94/\$4.00

Conference Title: Proceedings of MILCOM '94

Conference Sponsor: IEEE Commun. Soc.; Armed Forces Commun.; Electron. Assoc

Conference Date: 2-5 Oct. 1994 Conference Location: Fort Monmouth, NJ, USA

Language: English

Subfile: B

Copyright 1995, IEE

...Abstract: and industry. One such contribution is an adaptive HF radio system, termed the SMARTNET (Skywave **Management for Automatic Robust** Transmission Network), that is capable of adapting power, data rate, and frequency under the...

... line so that the results were compared with predicted data generated by the Ionospheric Communication **Enhanced** Profile Analysis Circuit **Prediction** Program (ICEPAC). ICEPAC is an improvement on the older Ionospheric Communications Analysis and Prediction Program...

... the best frequency, and (3) link availability percentage. This paper

presents these results, and where **appropriate** , attempts to draw conclusions as to the significance of future adaptive HF data networks, and

...

...Descriptors: telecommunication **network management** ;

**35/3,K/4 (Item 2 from file: 2)**

DIALOG(R)File 2:INSPEC

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03161537 INSPEC Abstract Number: A83121453, B84001904, C84003399

**Title: The application of real-time model update by oblique ionospheric sounders to frequency sharing**

Author(s): Uffelman, D.R.; Harnish, L.O.; Goodman, J.M.

Author Affiliation: E.O. Hulbert Center for Space Res., Naval Res. Lab., Washington, DC, USA

Conference Title: AGARD Conference Proceedings No.332. Propagation Aspects of Frequency Sharing, Interference and System Diversity. 31st Symposium of the Electromagnetic Wave Propagation Panel p.12/1-11

Editor(s): Soicher, H.

Publisher: AGARD, Neuilly-sur-Seine, France

Publication Date: 1983 Country of Publication: France ix+428 pp.

Conference Date: 18-22 Oct. 1982 Conference Location:

Issy-les-Moulineaux, France

Language: English

Subfile: A B C

Abstract: Frequency **management systems** for the high frequencies (HF) currently in use by the US Department of Defense (DoD...

... which have been allocated on a circuit by circuit basis. There is no capability to **anticipate frequency changes** (QSYs) in advance in a manner such that a frequency being released by one user...

...the MUF of the HF channel (MINIMUF 3.5) can be made to perform very **accurately** to anticipate channel characteristics in a short term prediction mode. It is proposed that this model be utilized to provide **automated frequency management** which would allow one to anticipate frequency availability and thereby allow sharing of frequencies between...

**35/3,K/5 (Item 1 from file: 6)**

DIALOG(R)File 6:NTIS

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1568516 NTIS Accession Number: AD-A230 600/9

**Multiple Forecasting Techniques**

(Final rept)

Roberts, B. C.

Defense Logistics Agency, Alexandria, VA. Operations Research and Economic Analysis Office.

Corp. Source Codes: 051748002; 412176

Report No.: DLA-91-P90053

Dec 90 56p

Languages: English

Journal Announcement: GRAI9112

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NTIS Prices: PC A04/MF A01

The Defense Logistics Agency (DLA) currently employs the Standard **Automated Materiel Management System** (SAMMS) under a mode which forecasts demand for all quarterly Forecast Demand(QFD) Items through... of excess on-hand stocks. Consequently, the overall thrust of this analysis has been to **enhance** the **forecasting** methodology of SAMMS by exploring alternative forecasting techniques which would have the potential to enhance...

... the development of a multiple forecasting methodology which has the capability to select the most **appropriate** forecasting technique for each QFD item. (emk)

Identifiers: \*Materiel; \*Logistics **management**; SAMMS(Standard Automated **Material Management System**); QFD(Quarterly Forecast Demand) items); Multiple forecasting methodology; DMRD(Defense Management Review Decision); Tri-services...

**35/3,K/6 (Item 2 from file: 6)**

DIALOG(R)File 6:NTIS

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1106825 NTIS Accession Number: AD-A139 896/5

**H. F. (High Frequency) Management by Frequency Sharing as Assisted by Models Updated in Real-Time**

(Final rept)

Uffelman, D. R. ; Harnish, L. O. ; Goodman, J. M.

Naval Research Lab., Washington, DC.

Corp. Source Codes: 000927000; 251950

Report No.: NRL-MR-5284

21 Mar 84 25p

Languages: English

Journal Announcement: GRAI8414

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

**Frequency management systems** for the high frequencies (HF) currently in use by the U.S. Department of Defense...

... which have been allocated on a circuit by circuit basis. There is no capability to **anticipate** frequency **changes** (QSY's) in advance in a manner such that a frequency being released by one...

...by which a small computer of the HF channel can be made to perform very **accurately** to anticipate channel characteristics in a short term prediction mode. It is proposed that this model be utilized to provide **automated** frequency **management** which would allow one to anticipate frequency availability and thereby allow sharing of frequencies between...

**35/3,K/7 (Item 1 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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04758475 Genuine Article#: UF254 No. References: 52

**Title: ROLE OF STATISTICS IN QUALITY AND PRODUCTIVITY IMPROVEMENT**

Author(s): BOX GEP

Corporate Source: UNIV WISCONSIN,CTR QUAL & PROD  
IMPROVEMENT/MADISON//WI/00000

Journal: JOURNAL OF APPLIED STATISTICS, 1996, V23, N1 (FEB), P3-20

ISSN: 0266-4763

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: we evaluate possible management changes so that they truly benefit an organization Therefore, statistical methods **appropriate** to investigation and discovery are discussed as distinct from those **appropriate** to the testing of an already discovered solution. It is shown how the manner in...

...mind. Whether or not statistical methods and training can have any impact depends on the **system** of **management**. A vector representation which can help **predict** the consequences of **changes** in management strategy is discussed. This can help to realign policies so that members of...

...Research Fronts: OPTIMIZATION PROBLEMS)

94-7347 001 (HUMAN-RESOURCE MANAGEMENT; EMPLOYEE PARTICIPATION;  
PROFIT-SHARING FIRMS; ORGANIZATIONAL PERFORMANCE; **SELF - MANAGING**  
WORK TEAMS; GROUP GOALS)

**35/3,K/8 (Item 1 from file: 56)**

DIALOG(R)File 56:Computer and Information Systems Abstracts

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0000570035 IP ACCESSION NO: 200611-31-144415

**Frame memory**

March, Salvatore T; Severance, Dennis G; Wilens, Michael

ACM Transactions on Database Systems, v 6, n 3, p 441-463, Sept. 1981

PUBLICATION DATE: 1981

PUBLISHER: Association for Computing Machinery, Inc., One Astor Plaza, 1515  
Broadway, New York, NY, 10036-5701

COUNTRY OF PUBLICATION: USA

PUBLISHER URL: <http://www.acm.org/>

PUBLISHER EMAIL: [SIGS@acm.org](mailto:SIGS@acm.org)

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

ISSN: 0362-5915

FILE SEGMENT: Computer & Information Systems Abstracts

**ABSTRACT:**

... can be easily manipulated by either designers or design algorithms, while performance effects of such **changes** can be **accurately predicted**. Automated design procedures exist to generate and evaluate alternative database designs built upon frame memory, and the existence of these procedures establishes frames as an attractive memory **management architecture** for future database **management systems**.

**DESCRIPTORS:** Databases; Frames; Design engineering; Algorithms; Virtual memory **systems** ; Memory management; **Architecture** ; Data base **management systems** ; **Automated**

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 S11 14 S10 NOT PY=2003:2007  
 S12 181 S1(25N)S5(25N)S6  
 S13 118 S1(15N)S5(15N)S6  
 S14 70 RD (unique items)  
 S15 58 S14 NOT PY=2003:2007  
 S16 2916111 (SYSTEM? ? OR NETWORK? ? OR INFRASTRUCTUR? ? OR ARCHITECTU-  
 RE? ?)(3N)MANAG?????  
 S17 11 S15(100N)S16  
 S18 11 RD (unique items)  
 S19 11 S18 NOT PY=2003:2007  
 S20 11 S19 NOT S11

**11/3,K/1 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

03267621 Supplier Number: 91918319 (USE FORMAT 007 FOR FULLTEXT)

**TransCore Unveils Forte Toll Solutions, Single Suite of Toll Software**

**Products that Combine Wide Range of Services.**

Business Wire, p0692

Sept 23, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1097

... operators maximize uptime and minimize maintenance costs over the life cycle of equipment. Preventive and **predictive** maintenance scheduling enables **replacement** of equipment and implementation of procedural changes before parts break. **Corrective** maintenance dispatches calls based on level of priority. Work order **management** and reporting **automatically** creates, processes and tracks work orders and response/repair time. Equipment inventory management ensures the...

**11/3,K/2 (Item 2 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

02463656 Supplier Number: 61638418 (USE FORMAT 007 FOR FULLTEXT)

**Adexa Introduces Collaborative Demand Planner.**

Business Wire, p1494

April 25, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1120

... enables administrators to assign data access and data modification privileges on a user-specific basis.

**Automated Monitoring** and Messaging

At the core of Adexa's Collaborative Demand Planner is a powerful **automated monitoring** and messaging network that alerts users to **changes** in the demand **forecast**. CDP's intelligent "listener" engine continually monitors the collaborative planning network and automatically sends alerts to **appropriate** users when inconsistencies, supply/demand shortfalls or other user-defined exceptions are discovered in system...

**11/3,K/3 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

0019813389 SUPPLIER NUMBER: 61201304 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Euro Currency Will Have Major AFC Implications.(automatic fare collection)(Statistical Data Included)**

Guillod, Serge  
International Railway Journal, 40, 2, 27  
Feb, 2000

DOCUMENT TYPE: Statistical Data Included ISSN: 0744-5326  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1657 LINE COUNT: 00155

... and invest in equipment which can be upgraded in the field when the time is **right**. This is particularly important for companies providing or **running automatic** ticket machines as they have a long field life and will **probably** have to undergo **upgrades** to accept new Euro-notes and coins.

At the same time, operators themselves are conscious...

**11/3,K/4 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

09879225 SUPPLIER NUMBER: 19999861 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Harris Teeter readies test of production plan system.**

Amato-McCoy, Deena

Supermarket News, v47, n46, p61(2)

Nov 17, 1997

ISSN: 0039-5803 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 511 LINE COUNT: 00042

... of-sale, to forecast sales for individual stores. This allows store managers to schedule the **correct** number of associates to prepare the products, and then track how the items are moving out of the store on a daily basis.

"The **automated** planner enables **managers** to forecast sales four weeks ahead of time, then **update** those **forecasts** week to week or daily to see which items to promote," the source said. Managers...

**11/3,K/5 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

06391168 SUPPLIER NUMBER: 13446067 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Workers' compensation and captives.**

Kurland, Orin M.

Risk Management, v40, n2, p57(3)

Feb, 1993

ISSN: 0035-5593 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1935 LINE COUNT: 00157

... deduction point of view, and a spread-of-risk point of view. If done the **correct** way, a group-owned captive will survive even legislative **change**," Mr. Cameron **predicted**.

Onshore vs. Offshore

REASONS CITED BY Mr. Cameron for choosing to locate a captive onshore include: desire for **self - management**, ease of marketing and relative ease of loaning back funds. But there are problems involved...

**11/3,K/6 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

05593373 SUPPLIER NUMBER: 14605799 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Managing the transition to a certified toxicology lab.**

Crouch, Dennis J.; Wilkins, Diana G.

Medical Laboratory Observer, v23, n9, p58(3)

Sept, 1991

ISSN: 0580-7247 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1833 LINE COUNT: 00156

... their testing protocols are less clearly defined, involve more drugs, and are more difficult to **automate**.

The **manager** who intends to **change** laboratory operations must **anticipate** the staff's needs during and after the transition. Dealing with employees' uncertainty is crucial. Those who have been **accurately** apprised of **anticipated changes** and who understand what the final environment will entail are less likely to succumb to...

**11/3,K/7 (Item 5 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

03926058 SUPPLIER NUMBER: 07355158 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Microcomputer care and repair: part II. (column)**

Schneider, Nancy Dankes

Medical Laboratory Observer, v21, n6, p65(3)

June, 1989

DOCUMENT TYPE: column ISSN: 0580-7247 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2293 LINE COUNT: 00177

... unit I/O (input/output) malfunction.

If the indicator light is on, there is power. **Run** a printer **self** test (see printer manual for instructions) to rule out printer failure. If the self test will not run, the printer's **probably** the problem. **Replace** it if possible for confirmation.

On the other hand, if the **self** test does **run**, check the cables by bringing up a program and trying the printscreen key. If printscreen works, the cables are all **right**; otherwise, replace them.

\*Monitors. Limit any monitor repairs to cleaning the outside, and substitution of...

**11/3,K/8 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01143244 97-92638

**China**

Anonymous

AsiaMoney Cash Management Guide Supplement PP: 22 Oct 1995

ISSN: 0958-9309 JRNL CODE: AMF

WORD COUNT: 552

...TEXT: of information. Similarly, foreign banks offer more reliable electronic banking systems which provide customers with **accurate** and timely balance information and **improve** a company's **forecasting** ability. For even more effective cash **management**, **automatic** payment using electronic banking systems helps to streamline the payment initiation process, thereby reducing the...

**11/3,K/9 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2007 ProQuest Info&Learning. All rts. reserv.

00908021 95-57413

**Grinding and finishing**

Noaker, Paula M

Manufacturing Engineering v113n2 PP: 85-103 Aug 1994

ISSN: 0361-0853 JRNL CODE: MFE

WORD COUNT: 5139

...TEXT: and a 32-bit data bus. The control provides features such as self-diagnostics functions, **automatic** wheel-load **monitoring**, and wheel-**replacement prediction**. Maintenance information includes machine status verification, an error display with a description of the error and the **corrective** action necessary, and an error-log display that provides a history of past errors for...

**11/3,K/10 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2007 ProQuest Info&Learning. All rts. reserv.

00894525 95-43917

**Native Microsoft suite coming for Power Mac**

Halper, Mark

Computerworld v28n31 PP: 15 Aug 1, 1994

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 479

...TEXT: Microsoft touted other advancements in Office 4.2 for Macintosh last week, including the following:

- \* **Improved** "IntelliSense" technology that **anticipates** user action and automatically **corrects** spelling errors.

- \* Improved scripting support, which allows information systems **managers** to **automate** loading and reconfiguration procedures for a Macintosh shop.

**11/3,K/11 (Item 4 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2007 ProQuest Info&Learning. All rts. reserv.

00392187 88-09020

**A Robust Ring Transmission Protocol**

Pachl, Jan; Casey, Liam  
Computer Networks & ISDN Systems v13n4-5 PP: 313-321 1987  
ISSN: 0376-5075 JRNL CODE: CNI

...ABSTRACT: monitor circulate frames until the transmitted frame returns.  
If the contents of the frame are **changed**, then data **probably** were  
**overwritten**, and error recovery procedures are undertaken. Another method  
uses a **self - correcting monitor** bit. An empty frame condition is  
determined by a frame having the same monitor bit...

**11/3,K/12 (Item 1 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2007 The Gale Group. All rts. reserv.

01420039 Supplier Number: 24087639 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Harris Teeter Readies Test Of Production Plan System**  
**(Harris Teeter to test an automated production-planning system for its**  
**fresh products)**  
Supermarket News, v 47, n 46, p 61+  
November 17, 1997  
DOCUMENT TYPE: Journal ISSN: 0039-5803 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 478

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...of sale, to forecast sales for individual stores. This allows store  
managers to schedule the **correct** number of associates to prepare the  
products, and then track how the items are moving out of the store on a  
daily basis.

"The **automated** planner enables **managers** to forecast sales four weeks  
ahead of time, then **update** those **forecasts** week to week or daily to see  
which items to promote," the source said. Managers...

**11/3,K/13 (Item 1 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2007 Business Wire. All rts. reserv.

00779967 20020923266B9596 (USE FORMAT 7 FOR FULLTEXT)  
**TransCore Unveils Forte Toll Solutions, Single Suite of Toll Software**  
**Products that Combine Wide Range of Services-Eases Burden on Operations and**  
**Brings Services Together under One Framework**  
Business Wire  
Monday, September 23, 2002 11:02 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,016

...operators maximize uptime and  
minimize maintenance costs over the life cycle of equipment. Preventive and  
**predictive** maintenance scheduling enables **replacement** of equipment and  
implementation of procedural changes before parts break. **Corrective**

maintenance dispatches calls based on level of priority. Work order **management** and reporting **automatically** creates, processes and tracks work orders and response/repair time. Equipment inventory management ensures the...

**11/3,K/14 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2007 The Gale Group. All rts. reserv.

02707866 Supplier Number: 43617713 (USE FORMAT 7 FOR FULLTEXT)

**Workers' Compensation and Captives**

Risk Management, p57

Feb, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1852

... deduction point of view, and a spread-of-risk point of view. If done the **correct** way, a group-owned captive will survive even legislative **change**, Mr. Cameron **predicted**.

Onshore vs. Offshore

REASONS CITED BY Mr. Cameron for choosing to locate a captive onshore include: desire for **self - management**, ease of marketing and relative ease of loaning back funds. But there are problems involved...

**20/3,K/1 (Item 1 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rts. reserv.

01614578 SUPPLIER NUMBER: 14338032 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**AlertVIEW minimizes calls for help. (version 2.1 of Shany Inc.'s network management software) (Software Review) (PC Week Labs: First Look) (Evaluation)**

Tam, Terry

PC Week, v10, n34, p81(2)

August 30, 1993

DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1385 LINE COUNT: 00118

... at detecting the most common problems encountered by users.

Shany also offers additional modules for **network management**, such as AlertVIEW AntiVirus, which detects and removes viruses; AlertVIEW Network Monitor, which detects problems...

...marked contrast to other products we have tested, AlertVIEW was very competent at automating the **correction** process for application errors on the test network.

AlertVIEW presented us with plenty of details, including the date and time that problems occurred, workstation information, and probable causes. It even **recommended** actions to **correct** problems. Once AlertVIEW discovered a problem, its event monitor sent triggers to AlertVIEW **Manager**, which **automatically** invoked an action.

The AlertVIEW package includes a library of triggers that AlertVIEW Manager uses...

...was detected. Shany offers an optional AlertVIEW E-Mail Gateway module that automatically notifies the **network manager** via Lotus Development Corp.'s cc:Mail when a specific event is triggered.

Range of...

**20/3,K/2 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

11929138 SUPPLIER NUMBER: 61207933 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Scanvaegt GB Ltd.**

Food Trade Review, 70, 2, 104

Feb, 2000

ISSN: 0015-6671 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 266 LINE COUNT: 00024

**TEXT:**

...3500, will have on display their most advanced and comprehensive range of food industry production **management** and **automatic** weighing systems, and the Scanvaegt labels team will be available to provide expert food industry **advice** on the **correct** labelling material to suit a particular application. With the new version of their overall computer...

**20/3,K/3 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

10847802 SUPPLIER NUMBER: 53975651 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Citrix Simplifies Remote Mgm't.(Citrix Systems MetaFrame 1.8 network application installation software)(Product Announcement)**

Schwartz, Jeffrey

InternetWeek, 8(1)

March 1, 1999

DOCUMENT TYPE: Product Announcement ISSN: 1096-9969 LANGUAGE:

English RECORD TYPE: Fulltext

WORD COUNT: 503 LINE COUNT: 00046

... system resources, logs statistics on user connections, disconnections and archive usage, and provides real-time **system** monitoring. Resource. **Management** Services also offers alert notification and provides **suggestions** for **correcting** bottlenecks. Available now, it costs \$1,495 per server.

The company's Installation **Management** Services **automates** the deployment of applications across server farms. Installation Management Services records how the application is...

**20/3,K/4 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

01772310 SUPPLIER NUMBER: 02724346 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**President's Private Sector Survey.**



PR Newswire, NYPR31D

April 18, 1983

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 432 LINE COUNT: 00035

... chief executive officer of the First National Bank of Chicago. The report recommends that cash **management systems** should be implemented to **optimize** investment opportunities; **automate**, organize and administer debt collection procedures; and **correct** deficiencies in the present system which slow the acquisition, management, and disposition of real estate.

**Suggestions for improving** the handling of HUD real estate were made, which include monitoring and expediting foreclosures; enacting...

**20/3,K/5 (Item 1 from file: 624)**

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2007 McGraw-Hill Co. Inc. All rts. reserv.

0351896

**IG SAYS MMS NEEDS TO RESTRUCTURE OFFSHORE INSPECTION PROGRAM**

Inside Energy With Federal Lands, Pg 17

December 16, 1991

JOURNAL CODE: IE

ISSN: 0-278-2227

WORD COUNT: 342

TEXT:

... said, and supervisors were not reviewing all inspection documentation before it is entered into MMS' **automated management information system**. The report **recommended corrective** action.

Copies of the study can be obtained by calling the Office of Inspector General...

**20/3,K/6 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2007 ProQuest Info&Learning. All rts. reserv.

02426918 194456211

**Interland touts reliability of hosting model**

Mears, Jennifer

Network World v19n38 PP: 42 Sep 23, 2002

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 443

...TEXT: 99% uptime service-level agreement that calls for refunds for violations.

BlueHalo also includes new **automated management** tools to ensure that no sites are adversely affected by other accounts sharing the **system**. Code **Manager** monitors Web application code and provides **suggestions** to

**correct** problems. Process Manager sets thresholds for resource consumption and monitors accounts to enforce them.

Web...

**20/3,K/7 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2007 ProQuest Info&Learning. All rts. reserv.

01034295 96-83688

**Backup software upgrades pace OS and applications growth**

Ferelli, Mark

Computer Technology Review v15n4 PP: 16 Apr 1995

ISSN: 0278-9647 JRNL CODE: CTN

WORD COUNT: 1038

...TEXT: to Palindrome's centralized storage management console, known as Milan.

Key areas of development include **automated** installation, more **management** control, alerts and reports, including a built-in troubleshooting database with **recommended corrective** action, and a recovery expert that guides administrators and users through the data restoration process...

...the Tower of Hanoi and Grandfather/Father/Son media rotation schemes. Communication is possible with **network management** consoles like Novell NMS and HP's OpenView.

Version 4.0 of Backup Director and...

**20/3,K/8 (Item 1 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)

(c) 2007 The Gale Group. All rts. reserv.

01773805 Supplier Number: 24566530 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Citrix Simplifies Remote Mgm't**

**(Citrix Systems Inc updates its MetaFrame 1.8 server software for thin clients with the addition of remote application management and configuration features)**

InternetWeek, p 8

March 01, 1999

DOCUMENT TYPE: Journal ISSN: 0746-8121 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 455

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...system resources, logs statistics on user connections, disconnections and archive usage, and provides real-time **system** monitoring. Resource **Management** Services also offers alert notification and provides **suggestions** for **correcting** bottlenecks. Available now, it costs \$1,495 per server.

The company's Installation **Management** Services **automates** the deployment of applications across server farms. Installation Management Services records how the application is...

**20/3,K/9 (Item 1 from file: 647)**

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2007 CMP Media, LLC. All rts. reserv.

01186146 CMP ACCESSION NUMBER: INW19990301S0013

**Citrix Simplifies Remote Mgm't**

Jeffrey Schwartz

INTERNETWEEK, 1999, n 754, PG8

PUBLICATION DATE: 990301

JOURNAL CODE: INW LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: News & Analysis

WORD COUNT: 473

... system resources, logs statistics on user connections, disconnections and archive usage, and provides real-time **system** monitoring. Resource **Management** Services also offers alert notification and provides **suggestions** for **correcting** bottlenecks. Available now, it costs \$1,495 per server.

The company's Installation **Management** Services **automates** the deployment of applications across server farms. Installation Management Services records how the application is...

**20/3,K/10 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2007 The Gale Group. All rts. reserv.

10138220 Supplier Number: 92015186 (USE FORMAT 7 FOR FULLTEXT)

**Interland touts reliability of hosting model; BlueHalo service said to trim costs, eliminate single point of failure with redundant architecture.**

Mears, Jennifer

Network World, p42

Sept 23, 2002

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General Trade

Word Count: 456

... 99% uptime service-level agreement that calls for refunds for violations.

BlueHalo also includes new **automated management** tools to ensure that no sites are adversely affected by other accounts sharing the **system**. Code **Manager** monitors Web application code and provides **suggestions** to **correct** problems. Process Manager sets thresholds for resource consumption and monitors accounts to enforce them.

Web...

**20/3,K/11 (Item 1 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2007 ProQuest. All rts. reserv.

04247871 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Workshops explore a variety of issues**

Clayton, Susan; Murray, Dana; Tischler, Eric

Corrections Today (PCOR), v61 n2, p36-37, p.2

Apr 1999

ISSN: 0190-2563 JOURNAL CODE: PCOR

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1689

**TEXT:**

... was subsequently appointed to expand upon the study and review the agency as a whole. **Recommendations** were made to **improve** the agency's administrative and recordkeeping process as a foundation for the development of an **automated inmate management system (IMS)**.

"Automating your **correctional** agency is a challenge," said Pouliot.

"It's not a perfect process, but it is..."